

UTAH OIL AND GAS CONSERVATION COMMISS

REMARKS: WELL LOG ELECTRIC LOGS ☒ FILE ☒ WATER SANDS LOCATION INSPECTED SUB REPORT/abd

Commenced Injection 4-18-94 (WDW)

DATE FILED 3-7-91

LAND FEE & PATENTED STATE LEASE NO U-01194

PUBLIC LEASE NO

INDIAN

DRILLING APPROVED 4-3-91

SPUDDED IN 7-10-91

COMPLETED 8-9-91 SGW PUT TO PRODUCING 8-8-91

INITIAL PRODUCTION 130 MCF

GRAVITY API

GOR

PRODUCING ZONES 4988-5957 (WASATCH)

TOTAL DEPTH 6049'

WELL ELEVATION 5082 GR; 5094 KB

DATE ABANDONED:

FIELD NATURAL BUTTES

UNIT NATURAL BUTTES

COUNTY UINTAH

WELL NO. NBU 159

API NO. 43-047-31996

LOCATION 1958' FSL FT FROM (N) (S) LINE 1945' FWL FT FROM (E) (W) LINE NE SW 1/4 - 1/4 SEC 35

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR
9S	21E	35	COASTAL OIL & GAS CORP.				

Coastal
159
4/18/94
1st. Inj.

UTAH OIL AND GAS CONSERVATION COMMISSION

REMARKS: WELL LOG ELECTRIC LOGS FILE ☒ WATER SANDS LOCATION INSPEC SUB. REPORT/abd.

Commenced Injection 4-18-94 (WDW)

DATE FILED **3-7-91**
LAND: FEE & PATENTED STATE LEASE NO. **U-01194** PUBLIC LEASE NO. INDIAN
DRILLING APPROVED: **4-3-91**
SPUDDED IN: **7-10-91**
COMPLETED: **8-9-91** **SGW** PUT TO PRODUCING: **8-8-91**
INITIAL PRODUCTION: **130 MCF**
GRAVITY A.P.I.
GOR:
PRODUCING ZONES: **4988-5957 (WASATCH)**
TOTAL DEPTH: **6049'**
WELL ELEVATION: **5082 GR. 5094 KB**
DATE ABANDONED:
FIELD: **NATURAL BUTTES**
UNIT: **NATURAL BUTTES**
COUNTY: **UINTAH**
WELL NO. **NBU 159** API NO. **43-047-31996**
LOCATION **1958' FSL** FT. FROM (N) (S) LINE. **1945' FWL** FT. FROM (E) (W) LINE. **NE SW** 1/4 - 1/4 SEC. **35**

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR
				98	21E	35	COASTAL OIL & GAS CORP.

QUATERNARY	Star Point	Chinle	Molas
Alluvium	Wahweap	Shinarump	Manning Canyon
Lake beds	Masuk	Moenkopi	Mississippian
Pleistocene	Colorado	Sinbad	Humbug
Lake beds	Sego	PERMIAN	Brazer
TERTIARY	Buck Tongue	Kaibab	Pilot Shale
Pliocene	Castlegate	Coconino	Madison
Salt Lake	Mancos	Cutler	Leadville
Oligocene	Upper	Hoskinnini	Redwall
Norwood	Middle	DeChelly	DEVONIAN
Eocene	Lower	White Rim	Upper
Duchesne River	Emery	Organ Rock	Middle
Uinta	Blue Gate	Cedar Mesa	Lower
Bridger	Ferron	Halgaite Tongue	Ouray
Green River	Frontier	Phosphoria	Elbert
	Dakota	Park City	McCracken
	Burro Canyon	Rico (Goodridge)	Aneth
	Cedar Mountain	Supai	Simonson Dolomite
	Buckhorn	Wolfcamp	Sevy Dolomite
	JURASSIC	CARBONIFEROUS	North Point
Wasatch	Morrison	Pennsylvanian	SILURIAN
Stone Cabin	Salt Wash	Oquirrh	Laketown Dolomite
Colton	San Rafael Gr.	Weber	ORDOVICIAN
Flagstaff	Summerville	Morgan	Eureka Quartzite
North Horn	Bluff Sandstone	Hermosa	Pogonip Limestone
Almy	Curtis		CAMBRIAN
Paleocene	Entrada	Pardox	Lynch
Current Creek	Moab Tongue	Ismay	Bowman
North Horn	Carmel	Desert Creek	Tapeats
CRETACEOUS	Glen Canyon Gr.	Akah	Ophir
Montana	Navajo	Barker Creek	Tintic
Mesaverde	Kayenta		PRE-CAMBRIAN
Price River	Wingate	Cane Creek	
Blackhawk	TRIAS		

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		5. Lease Designation and Serial No. STATE U-01194
b. Type of Well Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other <input type="checkbox"/> Single Zone <input checked="" type="checkbox"/> Multiple Zone <input type="checkbox"/>		6. If Indian, Allottee or Tribe Name Not Applicable
2. Name of Operator Coastal Oil & Gas Corporation		7. Unit Agreement Name Natural Buttes
3. Address of Operator P. O. Box 749, Denver, Colorado 80201-0749		8. Farm or Lease Name NBU
4. Location of Well (Report location clearly and in accordance with any State requirements.) At surface 1958' FSL 1945' FWL (NESW) At proposed prod. zone		9. Well No. 159
14. Distance in miles and direction from nearest town or post office* Approximately 16 Miles Southeast of Ouray, Utah		10. Field and Pool, or Wildcat Natural Buttes 630
15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drlg. line, if any) 1945'	16. No. of acres in lease 1082.97	11. Sec., T., R., M., or Blk. and Survey or Area Sec. 35 T9S, R21E
18. Distance from proposed location to nearest well, drilling, completed, or applied for, on this lease, ft. 1300'	19. Proposed depth 6075' WSTC	12. County or Parrish 13. State Uintah Utah
20. Rotary or cable tools Rotary		17. No. of acres assigned to this well 80
21. Elevations (Show whether DF, RT, GR, etc.) 5082' GR		22. Approx. date work will start* April 1, 1991
23. PROPOSED CASING AND CEMENTING PROGRAM		
Size of Hole	Size of Casing	Weight per Foot
12-1/4"	8-5/8" K-55	24.0#
7-7/8"	5-1/2" K-55	17.0#
Setting Depth		Quantity of Cement
0-250'		Circulate to Surface (180 sx)
0-T.D.		550 sx Lite + Class "G"

PLEASE REFER TO ATTACHED DRILLING PROGNOSIS.

TECHNICAL REVIEW

Engr. 4-3-91
 Geol. 3/18/91
 Surface 3/19/91

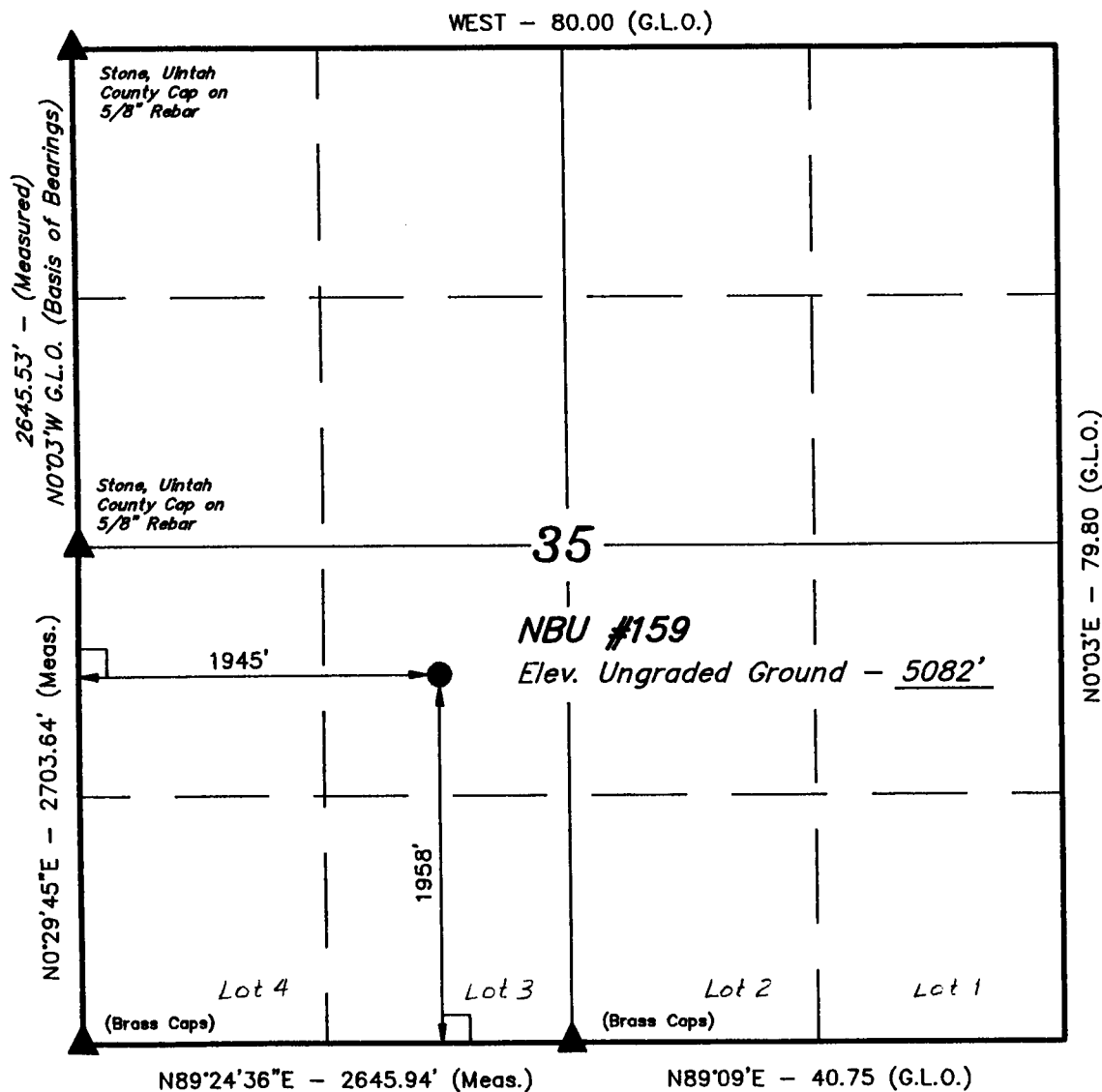
RECEIVED
 MAR 07 1991

DIVISION OF
 OIL, GAS & MINING

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. Signed <u>Lee Heitzman</u> Title <u>Authorized Agent</u> Date <u>March 4, 1991</u>	
(This space for Federal or State office use)	
Permit No. <u>43-047-314910</u>	Approval Date <u>4-3-91</u>
Approved by <u>DA Patten</u> Title <u>DA Patten</u>	DATE: <u>4-3-91</u>
Conditions of approval, if any:	BY: <u>DA Patten</u>
	WELL SPACING: <u>615-2-3</u>

T9S, R21E, S.L.B.&M.



▲ = SECTION CORNERS LOCATED.

COASTAL OIL & GAS CORP.

Well location, NBU #159, located as shown in the NE 1/4 SW 1/4 of Section 35, T9S, R21E, S.L.B.&M. Uintah County, Utah.

BASIS OF ELEVATION

BENCH MARK (25-EAM-1964) IN THE SE 1/4 NW 1/4 OF SECTION 27, T9S, R21E, S.L.B.&M. TAKEN FROM THE OURAY SE QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE SERIES (TOPOGRAPHICAL MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 4961 FEET.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

Robert L. Kay
REGISTERED LAND SURVEYOR
REGISTRATION NO. 5709
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
85 SOUTH 200 EAST - VERNAL, UTAH 84078
(801) 789-1017

SCALE 1" = 1000'	DATE 2-28-91
PARTY J.T.K. M.W. J.R.S.	REFERENCES G.L.O. PLAT
WEATHER COOL	FILE COASTAL OIL & GAS CORP.

Coastal Oil & Gas Corporation
#159 NBU
NESW Sec. 35, T9S R21E
Uintah County, Utah

Drilling Prognosis

1. Estimated Formation Tops:

Surface	Uinta
Green River	1500'
Wasatch	4475' Gas
Total Depth	6075'

2. Pressure Control Equipment:

Type : One 10" X 2000 psi annular preventer.
One 10" X 2000 psi double ram preventer (blind ram above, pipe ram below).
One wing with two manual valves and one choke.
One positive choke and one adjustable.

Testing Procedure : The BOP and choke manifold will be pressure tested to the rated working pressure ~~of~~ 70% of the internal yield strength of the surface casing, whichever is less, for a period of 15 minutes upon installation; once every thirty days and/or when flange seals are broken if a "nipple-up" or "nipple-down" takes place.

3. Drilling Fluids Program:

<u>Interval</u>	<u>Type</u>	<u>Weight</u>	<u>Viscosity</u>	<u>Fluid Loss</u>
0 - Total Depth	Aerated Water	--	--	--

Drilling mud inventory will be stockpiled on the location and will not be less than the total amount needed for the mud system as required to drill this well.

4. Evaluation Program:

Logs : DIL with Caliper - Surface to Total Depth
FDC-CNL - Approximately 1500' to Total Depth

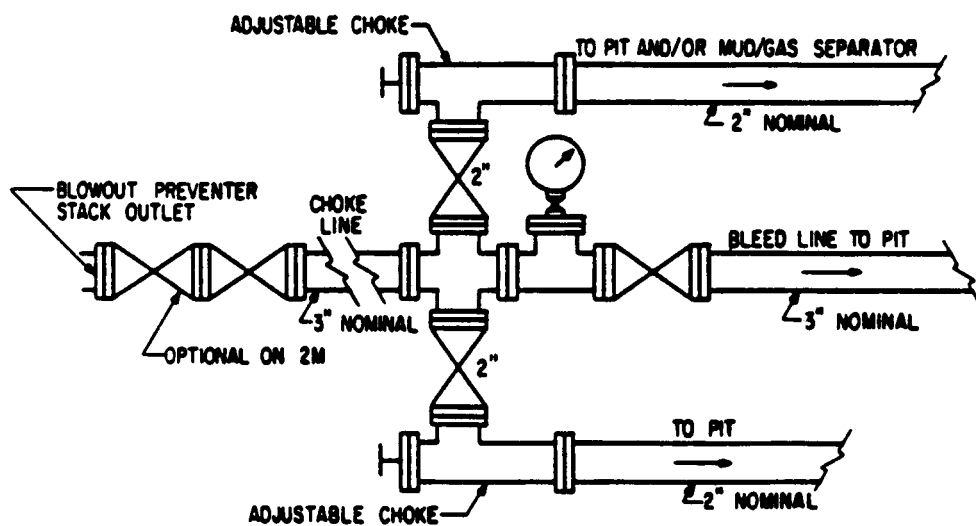
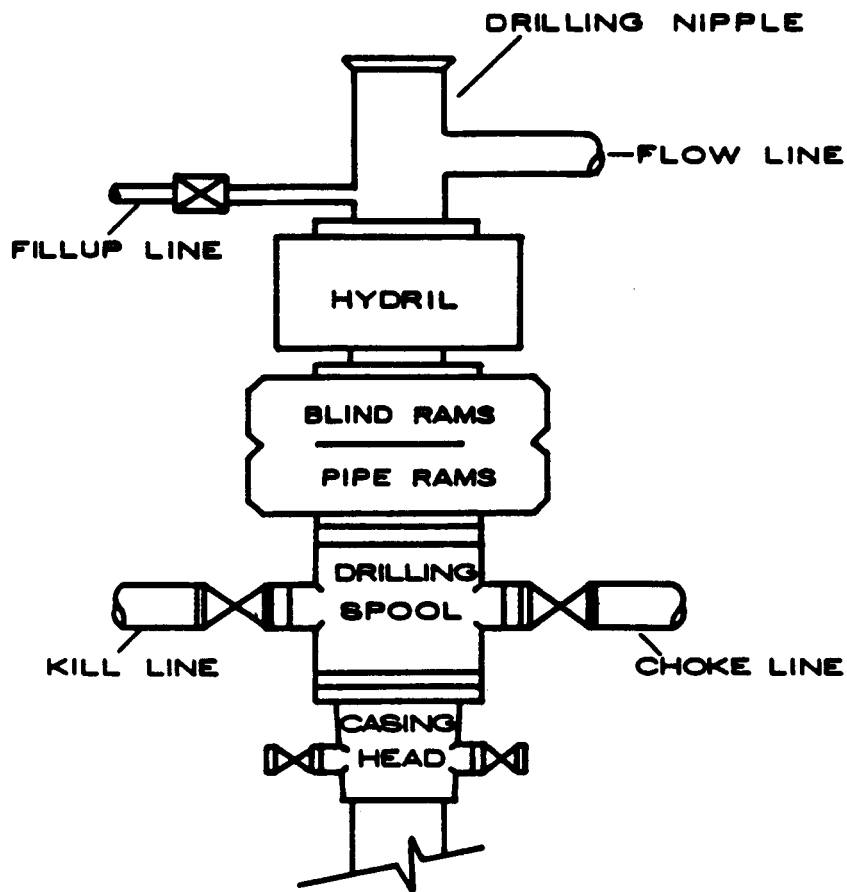
DST's : None Anticipated

Cores : None Anticipated

5. Abnormal Conditions:

No abnormal temperatures or pressures are anticipated. No H₂S gas has been reported or known to exist from previous drilling in the area at this depth. Maximum anticipated bottom hole pressure equals 1500 psi.

BOP STACK



COASTAL OIL & GAS CORPORATION

#159 NBU

NESW SECTION 35, T9S R21E

UINTAH COUNTY, UTAH

Supplement to Application for Permit to Drill

1. Location and Type of Water Supply:

- A. Water for drilling will be obtained from an existing industrial water well (Uintah #1) owned by Target Trucking, Inc. and located in the SE $\frac{1}{4}$ SE $\frac{1}{4}$ NE $\frac{1}{4}$ Section 16, Township 10 South, Range 21 East, Uintah County, Utah; Permit Number 49-991 (A57530).

2. Methods of Handling Waste Disposal:

- A. Sewage - self-contained, chemical toilets will be provided for human waste disposal. Upon completion of operations, the holding tanks will be pumped and the contents disposed of in a municipal sewage treatment facility or other authorized disposal facility.
- B. Garbage and other waste materials - all trash will be contained in a portable trash cage. Upon completion of operations, all trash will be hauled to an approved sanitary landfill.
- C. Cuttings and drilling fluids - the cuttings will be deposited in the reserve pit. Drilling fluids will be contained in reserve pit and allowed to evaporate. The reserve pit will be designed to prevent the collection of surface runoff and will be constructed with a minimum of one-half (1/2) the total depth below the original ground surface on the lowest point within the pit. The reserve pit will not be lined unless fractured rock or extremely porous soil/rock formations are encountered.

3. Plans for Reclamation of the Surface:

- A. Backfilling, leveling and re-contouring are planned as soon as the reserve pit dries. Waste and spoil materials will be disposed of immediately upon completion of drilling and workover activities. If production is established, the unneeded areas of the location will be reclaimed as soon as the reserve pit dries.
- B. Upon completion of backfilling, leveling and re-contouring, the stockpiled topsoil will be evenly spread over the reclaimed area(s). All disturbed surfaces (including access road and well pad areas) will be reseeded using the seed mixture recommended by the State of Utah. Seed will be drilled on the contour to an approximate depth of 1/2 inch.
- C. Three sides of the reserve pit will be fenced during drilling operations. Prior to rig release, the reserve pit will be fenced on the fourth side to prevent livestock and wildlife from becoming entrapped, and the fencing will be maintained until leveling and cleanup are accomplished.

3. Plans for Reclamation of the Surface: Continued

- D. If any oil is on the pits and is not immediately removed after operations cease, the pit containing the oil or other adverse substances will be flagged overhead or covered with wire mesh.
- E. The reclamation operations will begin after the drilling rig is removed. Removal of oil or other adverse substances will begin immediately or area will be flagged and fenced. Other cleanup will be done as needed. Rehabilitation operations should be completed by the Fall of 1991.

4. Other Information:

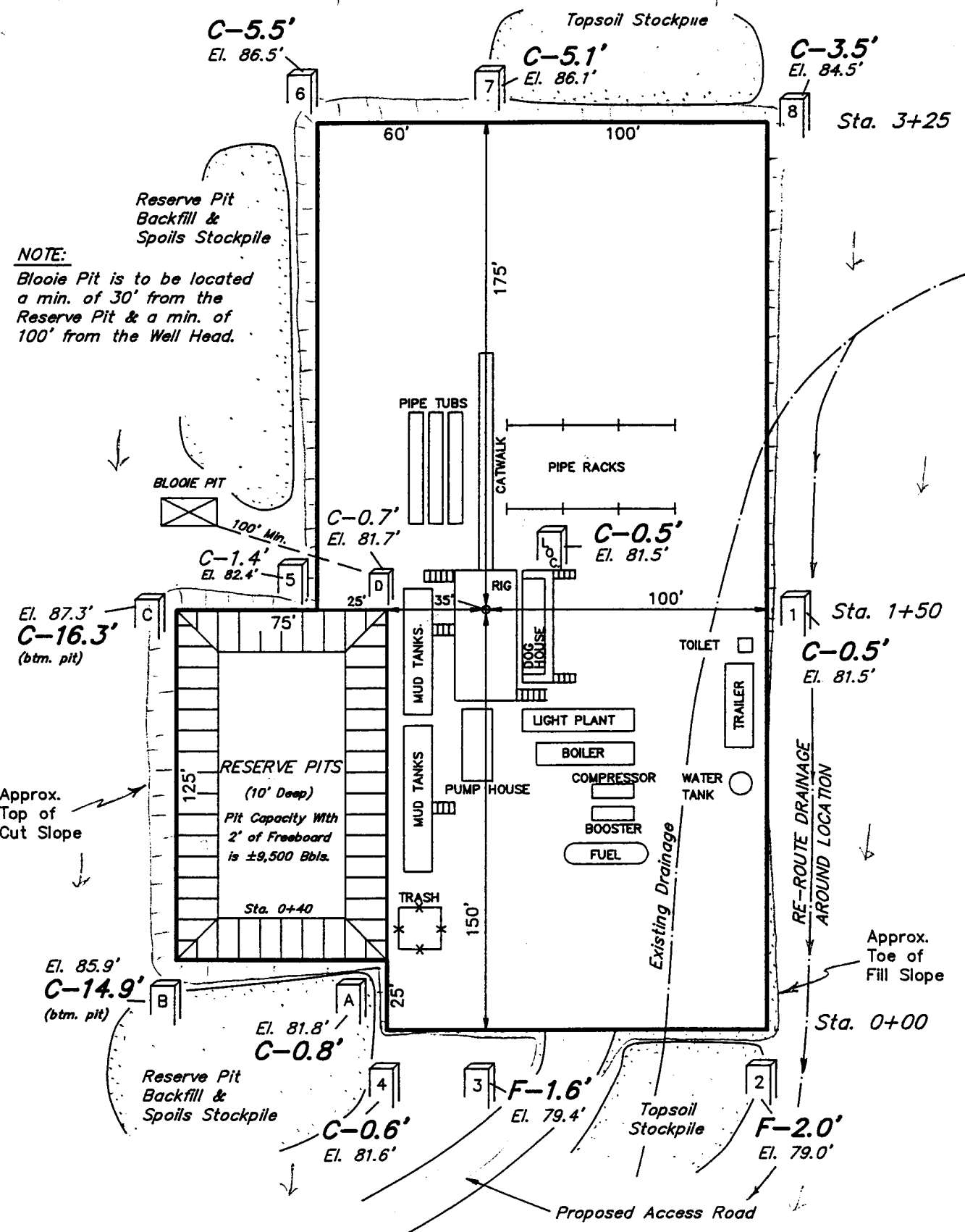
- A. A cultural resource inventory of the proposed well site and access road has been completed.

5. Surface Ownership:

State of Utah
Division of State Lands and Forestry
Salt Lake City, Utah
Telephone: (801) 538-5508

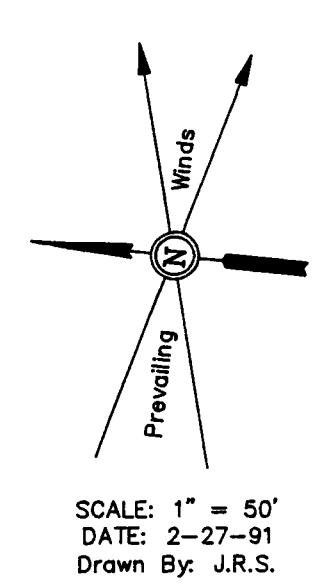
6. Contact for Additional Data if Required:

Heitzman Drill-Site Services
Dale Heitzman/Bob Anderson
P. O. Box 3579
Casper, Wyoming 82602
Telephone: (307) 266-4840

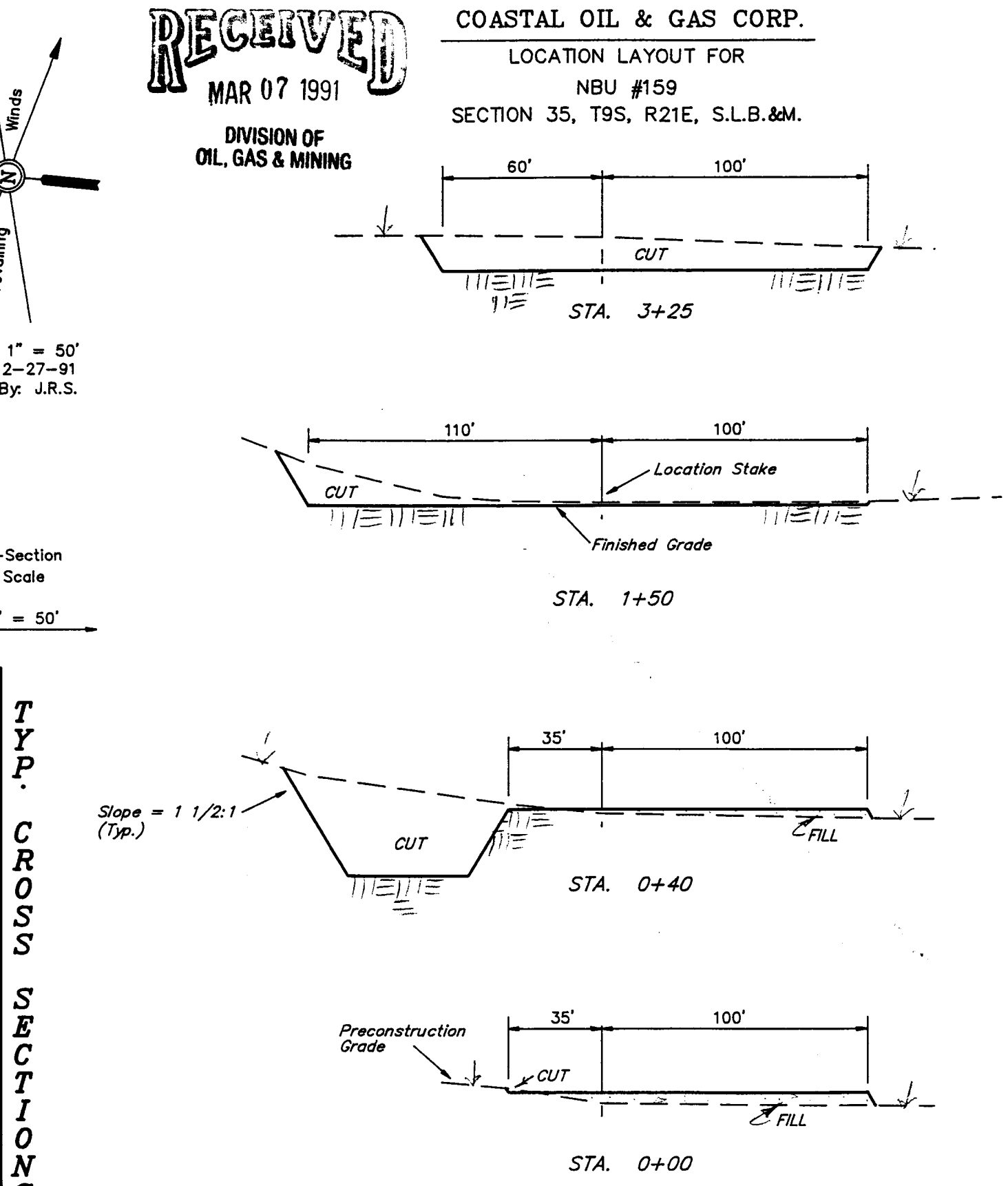


APPROXIMATE YARDAGES

CUT		EXCESS MATERIAL AFTER	
(6") Topsoil Stripping	= 1,070 Cu. Yds.	5% COMPACTION	= 6,110 Cu. Yds.
Remaining Location	= 5,770 Cu. Yds.	Topsoil & Pit Backfill	= 2,290 Cu. Yds.
		(1/2 Pit Vol.)	
TOTAL CUT	= 6,840 CU.YDS.	EXCESS UNBALANCE	= 3,820 Cu. Yds.
FILL	= 690 CU.YDS.	(After Rehabilitation)	



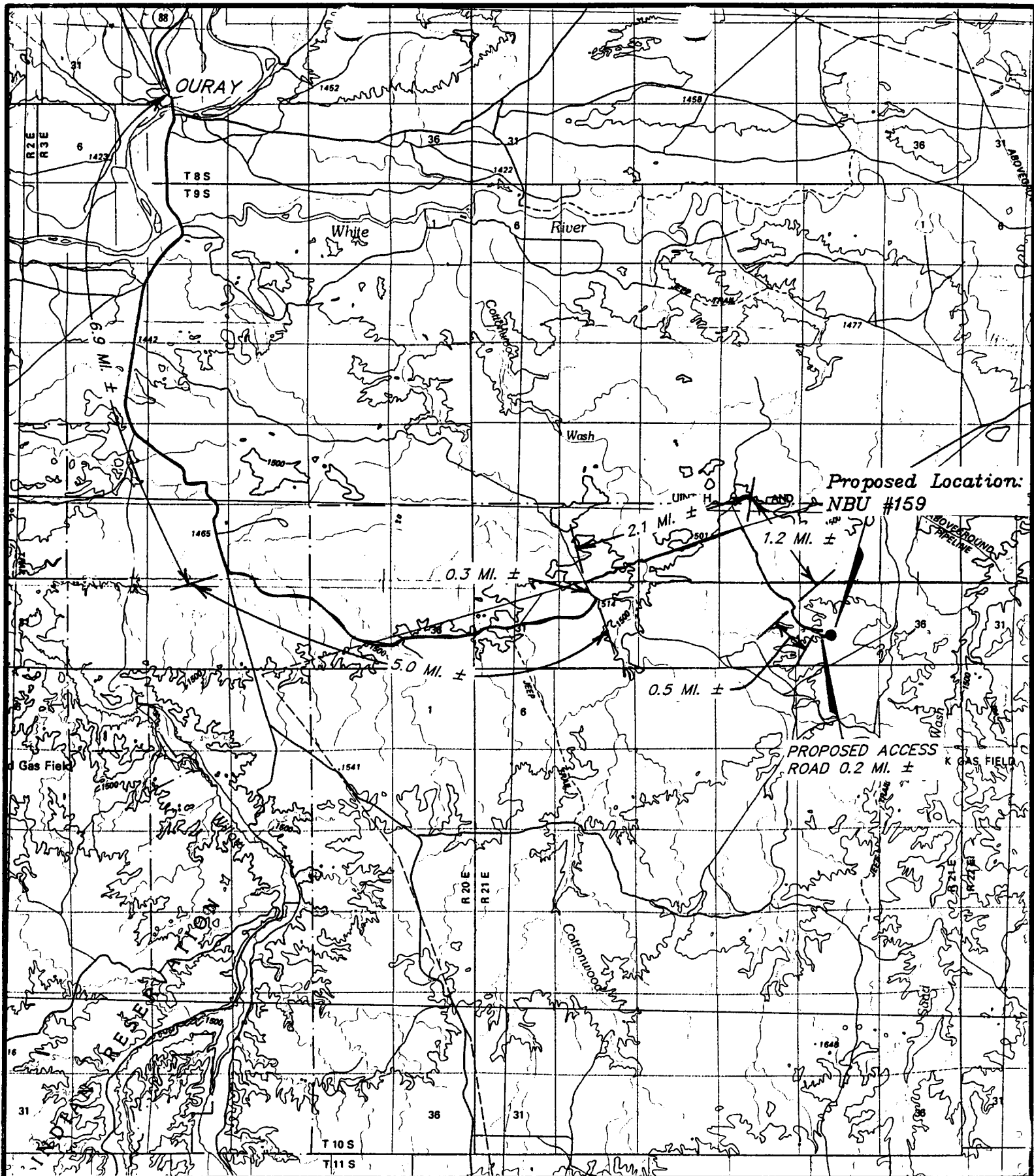
TYP. LOCATION LAYOUT



NOTES:
 Elev. Ungraded Ground At Loc. Stake = **5081.5'**
 FINISHED GRADE ELEV. AT LOC. STAKE = **5081.0'**

COASTAL OIL & GAS CORP.
 LOCATION LAYOUT FOR
 NBU #159
 SECTION 35, T9S, R21E, S.L.B.&M.

FIGURE #1



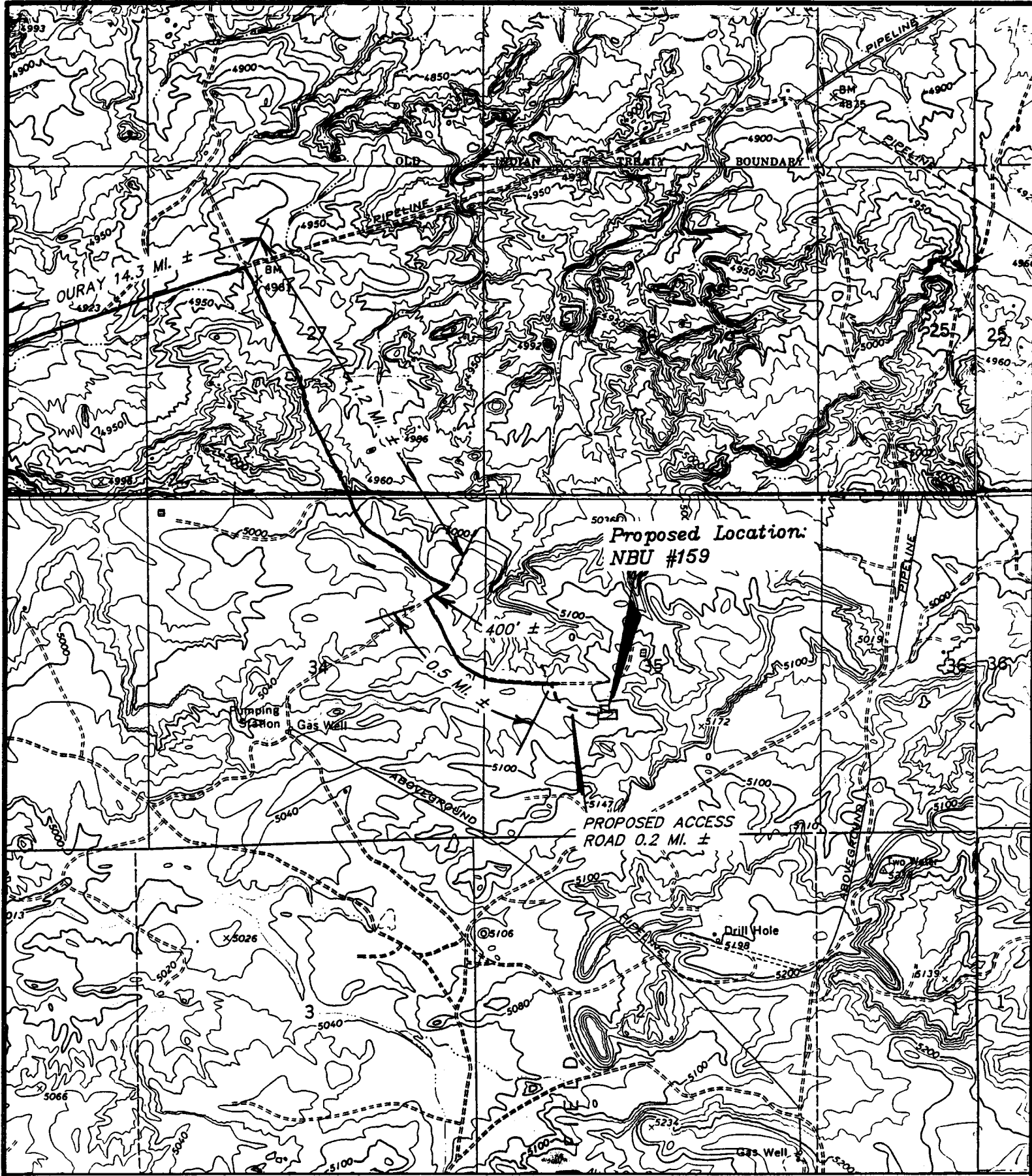
TOPOGRAPHIC
MAP "A"

DATE 2-28-91



COASTAL OIL & GAS CORP.

NBU #159
SECTION 35, T9S, R21E, S.L.B.&M.



TOPOGRAPHIC
MAP "B"
SCALE: 1" = 2000'
DATE 2-28-91



COASTAL OIL & GAS CORP.
NBU #159
SECTION 35, T9S, R21E, S.L.B.&M.

DRILLING LOCATION ASSESSMENT

State of Utah Division of Oil, Gas and Mining

OPERATOR: COASTAL OIL & GAS WELL NAME: NBU 159
SECTION: 35 TWP: 9S RNG: 21E LOC: 1958 FSL 1945 FWL
QTR/QTR NE/SW COUNTY: UINTAH FIELD: NATURAL BUTTES
SURFACE OWNER: STATE OF UTAH
SPACING: NATURAL BUTTES UNIT
INSPECTOR: Brad Hill DATE AND TIME: 3/4/91 11:20

PARTICIPANTS: Bill Siersma-CIGE, Bob Anderson-Permit Agent, Robert Kay-Uintah Engineering, Harley Jackson-Jackson Const.

REGIONAL SETTING/TOPOGRAPHY: The proposed location is in the southeastern Uinta Basin in a fairly flat area which slopes gently to the west. A drainage is located on the south side of the location. The access road follows a ridge top. A shallow drainage cuts the southwest corner of the location.

LAND USE:

CURRENT SURFACE USE: Wildlife grazing.

PROPOSED SURFACE DISTURBANCE: A roughly rectangular pad will be constructed with approximate dimensions of 325'X 160' with a 125'X 75' extension for the reserve pit. (see application) An access road .2 miles long will also be constructed.

AFFECTED FLOODPLAINS AND/OR WETLANDS: None

FLORA/FAUNA: Shadscale, Short Saltbush, Curley grass, Snakeweed, Sage, Prickly Pear, Rabbit Brush, Greasewood, Halogeton/Antelope, Deer, Rabbits, Horses

ENVIRONMENTAL PARAMETERS

SURFACE GEOLOGY

SOIL TYPE AND CHARACTERISTICS: Sandy-clay with abundant sandstone fragments. Ridge top is predominantly sandstone outcrop.

SURFACE FORMATION & CHARACTERISTICS: Uinta Formation consisting of interbedded sandstones and shales.

EROSION/SEDIMENTATION/STABILITY: No active erosion or sedimentation at present. Location should be stable.

PALEONTOLOGICAL POTENTIAL: Scattered turtle fragments on location.

SUBSURFACE GEOLOGY

OBJECTIVES/DEPTHS: Wasatch-4475'

ABNORMAL PRESSURES-HIGH AND LOW: None anticipated

CULTURAL RESOURCES/ARCHAEOLOGY: Cleared by Metcaff and Associates.

CONSTRUCTION MATERIALS: Onsite materials will be used for construction.

SITE RECLAMATION: The area will be recontoured and reseeded as per State Lands instructions.

RESERVE PIT

CHARACTERISTICS: The reserve pit will be rectangular with dimensions of 125'X 75'X 10'.

LINING: None needed.

MUD PROGRAM: The entire well will be drilled with aerated water.

DRILLING WATER SUPPLY: To be purchased from Target trucking.

STIPULATIONS FOR APD APPROVAL

Divert drainage around south side of location.

ATTACHMENTS

Photographs will be placed on file.

OPERATOR Coastal Oil Gas Corp N-0030 DATE 3-01-91

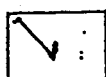
WELL NAME NB-1 159

SEC NE-SW 35 T 9S R 01E COUNTY Uintah

43-047-31991
API NUMBER

State (3)
TYPE OF LEASE

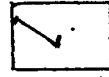
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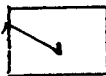
PLAT.



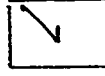
BOND



NEAREST
WELL



LEASE



FIELD



POTASH OR
OIL SHALE

PROCESSING COMMENTS:

Included in Second Supplement 1991 P.O.D. approved 3-07-91.

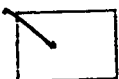
State Permit 49-991 (A57530)

Oil shale area

Permit 3-18-91 / (Geology unit)

APPROVAL LETTER:

SPACING:



R615-2-3

Natural Buttes
UNIT



R615-3-2



N/A
CAUSE NO. & DATE



R615-3-3

STIPULATIONS:

1- Oil shale

cc: State Lands

2- Diverter drainages around the south
side of location.



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Norman H. Bangerter
Governor

Dee C. Hansen
Executive Director

Dianne R. Nielson, Ph.D.
Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340

April 3, 1991

Coastal Oil & Gas Corporation
P. O. Box 749
Denver, Colorado 80201-0749

Gentlemen:

Re: NBU 159 Well, 1958 feet from the South line, 1945 feet from the West line,
NE SW, Section 35, Township 9 South, Range 21 East, Uintah County, Utah

Approval to drill the referenced well is hereby granted in accordance with Utah Code Ann. Section 40-6-18, et seq. (1953, as amended), and Utah Admin. R.615-2-3, subject to the following stipulations:

1. Special attention is directed to compliance with Utah Admin. R.615-3-34, which prescribes drilling procedures for designated oil shale areas.
2. Divert drainage around the south side of the location.

In addition, the following actions are necessary to fully comply with this approval:

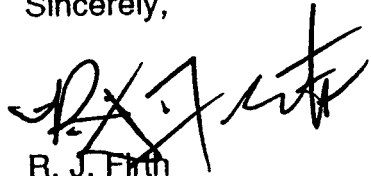
1. Spudding notification within 24 hours after drilling operations commence.
2. Submittal of Entity Action Form 6, within five working days following spudding and whenever a change in operations or interests necessitates an entity status change.
3. Submittal of the Report of Water Encountered During Drilling, Form 7.
4. Prompt notification in the event it is necessary to plug and abandon the well. Notify R. J. Firth, Associate Director, (Office) (801) 538-5340, (Home) 571-6068, or J. L. Thompson, Lead Inspector, (Home) 298-9318.

Page 2
Coastal Oil & Gas Corporation
NBU 159
April 3, 1991

5. Compliance with the requirements of Utah Admin. R.615-3-20, Gas Flaring or Venting.
6. Prior to commencement of the proposed drilling operations, plans for facilities for disposal of sanitary wastes at the drill site shall be submitted to the local health department. These drilling operations and any subsequent well operations must be conducted in accordance with applicable state and local health department regulations. A list of local health departments and copies of applicable regulations are available from the Division of Environmental Health, Bureau of Drinking Water/Sanitation, telephone (801) 538-6159.
7. This approval shall expire one (1) year after date of issuance unless substantial and continuous operation is underway or an application for an extension is made prior to the approval expiration date.

The API number assigned to this well is 43-047-31996.

Sincerely,



R. J. Firth
Associate Director, Oil & Gas

tas
Enclosures
cc: Bureau of Land Management
Division of State Lands
J. L. Thompson
we14/1-4

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		DRILL <input checked="" type="checkbox"/>		DEEPEN <input type="checkbox"/>		PLUG BACK <input type="checkbox"/>	
b. Type of Well		Oil Well <input type="checkbox"/>		Gas Well <input checked="" type="checkbox"/>		Other <input type="checkbox"/>	
2. Name of Operator		Coastal Oil & Gas Corporation		Single Zone <input checked="" type="checkbox"/>		Multiple Zone <input type="checkbox"/>	
3. Address of Operator		P. O. Box 749, Denver, Colorado 80201-0749		7. Unit Agreement Name		Natural Buttes	
4. Location of Well (Report location clearly and in accordance with any State requirements.)*		At surface		8. Farm or Lease Name		NBU	
1958' FSL 1945' FWL (NESW)		At proposed prod. zone		9. Well No.		159	
14. Distance in miles and direction from nearest town or post office*		Approximately 16 Miles Southeast of Ouray, Utah		10. Field and Pool, or Wildcat		Natural Buttes	
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drilg. line, if any)		1945'		11. Sec., T., R., M., or Bk. and Survey or Area		Sec. 35 T9S, R21E	
16. No. of acres in lease		1082.97		12. County or Parrish		Uintah	
17. No. of acres assigned to this well		80		13. State		Utah	
18. Distance from proposed location* to nearest well, drilling, completed, or applied for, on this lease, ft.		1300'		19. Proposed depth		6075'	
20. Rotary or cable tools		Rotary		21. Elevations (Show whether DF, RT, GR, etc.)		5082' GR	
22. Approx. date work will start*		April 1, 1991		23. PROPOSED CASING AND CEMENTING PROGRAM			
Size of Hole		Size of Casing		Weight per Foot		Setting Depth	
12-1/4"		8-5/8" K-55		24.0#		0-250'	
7-7/8"		5-1/2" K-55		17.0#		0-T.D.	
						Circulate to Surface (180 sx)	
						550 sx Lite + Class "G"	

RECEIVED

APR 30 1991

DIVISION OF OIL GAS & MINING

PLEASE REFER TO ATTACHED DRILLING PROGNOSIS.

COPY



IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. Signed Dale Heitzman Title Authorized Agent Date March 4, 1991
(This space for Federal or State office use)

Permit No. ACCEPTED BY BLM FOR Approval Date APR 29 1991
 Approved by UNIT PURPOSES ONLY Title _____ Date _____
 Conditions of approval, if any: _____

***See Instructions On Reverse Side**

11-59A-11780

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

RECEIVED

JUL 19 1991

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT for such proposals.

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other (specify)		6. Lease Designation and Serial Number State U-01194
2. Name of Operator Coastal Oil & Gas Corporation		7. Indian Allottee or Tribe Name N/A
3. Address of Operator P. O. Box 749, Denver, Colorado 80201-0749		8. Unit or Communitization Agreement Natural Buttes
4. Telephone Number (303) 573-4476		9. Well Name and Number NBU #159
5. Location of Well Footage : 1958' FSL & 1945' FWL Q.Q. Sec. T., R., M. : NESW Section 35, T9S-R21E		10. API Well Number 43-047-31996
		11. Field and Pool, or Wildcat Natural Buttes
County : Uintah State : UTAH		

12. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA																											
NOTICE OF INTENT (Submit in Duplicate) <table border="0"> <tr> <td><input type="checkbox"/> Abandonment</td> <td><input type="checkbox"/> New Construction</td> </tr> <tr> <td><input type="checkbox"/> Casing Repair</td> <td><input type="checkbox"/> Pull or Alter Casing</td> </tr> <tr> <td><input type="checkbox"/> Change of Plans</td> <td><input type="checkbox"/> Recompletion</td> </tr> <tr> <td><input type="checkbox"/> Conversion to Injection</td> <td><input type="checkbox"/> Shoot or Acidize</td> </tr> <tr> <td><input type="checkbox"/> Fracture Treat</td> <td><input type="checkbox"/> Vent or Flare</td> </tr> <tr> <td><input type="checkbox"/> Multiple Completion</td> <td><input type="checkbox"/> Water Shut-Off</td> </tr> <tr> <td><input type="checkbox"/> Other</td> <td></td> </tr> </table>	<input type="checkbox"/> Abandonment	<input type="checkbox"/> New Construction	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing	<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Recompletion	<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Shoot or Acidize	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Vent or Flare	<input type="checkbox"/> Multiple Completion	<input type="checkbox"/> Water Shut-Off	<input type="checkbox"/> Other		SUBSEQUENT REPORT (Submit Original Form Only) <table border="0"> <tr> <td><input type="checkbox"/> Abandonment</td> <td><input type="checkbox"/> New Construction</td> </tr> <tr> <td><input type="checkbox"/> Casing Repair</td> <td><input type="checkbox"/> Pull or Alter Casing</td> </tr> <tr> <td><input type="checkbox"/> Change of Plans</td> <td><input type="checkbox"/> Shoot or Acidize</td> </tr> <tr> <td><input type="checkbox"/> Conversion to Injection</td> <td><input type="checkbox"/> Vent or Flare</td> </tr> <tr> <td><input type="checkbox"/> Fracture Treat</td> <td><input type="checkbox"/> Water Shut-Off</td> </tr> <tr> <td><input checked="" type="checkbox"/> Other Spud</td> <td></td> </tr> </table>	<input type="checkbox"/> Abandonment	<input type="checkbox"/> New Construction	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing	<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Shoot or Acidize	<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Vent or Flare	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Water Shut-Off	<input checked="" type="checkbox"/> Other Spud	
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Approximate Date Work Will Start _____	Date of Work Completion _____																										
Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form. * Must be accompanied by a cement verification report.																											

13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Spud at 12:00 P.M., 7-10-91 with Leon Ross Drilling. Drilled 12-1/4" hole to 263' GL. Ran 6 jts. 8-5/8", 24#, K-55, ST&C casing. Cmt. with 10 BBLS fresh water, 20 BBLS gel water, 150 sx premium + Type V with 2% CaCl₂ and 1/4#/sk flocele, 38 sx to pit.

14. I hereby certify that the foregoing is true and correct

Name & Signature

Eileen Danni Day

Title Regulatory Analyst Date 7/16/91

(State Use Only)

ENTITY ACTION FORM - FORM 6

OPERATOR Coastal Oil & Gas Corporation

OPERATOR ACCT. NO. NO230

ADDRESS P. O. Box 749

Denver, Colorado 80201-0749

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
B	2900 →		43-047-31996	NBU 159	NESW	35	9S	21E	Uintah	7-10-91	
WELL 1 COMMENTS: <i>Federal-Lease</i> <i>Prop. Zone - WSTC</i> <i>Field - Natural Buttes</i> <i>(Entity 2900 added 7-23-91)</i> <i>Unit - Natural Buttes</i> <i>JP</i>											
WELL 2 COMMENTS:											
WELL 3 COMMENTS:											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

ACTION CODES (See instructions on back of form)

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

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JUL 19 1991

DIVISION OF
OIL GAS & MINING

Eileen Danni Dey
Signature Eileen Danni Dey

Regulatory Analyst 7/16/91
Title Date

Phone No. (303) 573-4476

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

6. Lease Designation and Serial Number

State U-01194

7. Indian Allottee or Tribe Name

N/A

8. Unit or Communitization Agreement

Natural Buttes Unit

9. Well Name and Number

NBU #159

10. API Well Number

43-047-31996

11. Field and Pool, or Wildcat

Natural Buttes

SUNDRY NOTICES AND REPORTS ON WELLS

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1. Type of Well

☐ Oil Well☒ Gas Well☐ Other (specify)

2. Name of Operator

Coastal Oil & Gas Corporation

3. Address of Operator

P. O. Box 749, Denver, Colorado 80201-0749

4. Telephone Number

(303) 573-4476

5. Location of Well

Footage : 1958' FSL & 1945' FWL

Q. Sec. T. R. M. : NESW, Section 35, T9S-R21E

County : Uintah

State : UTAH

12. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT
(Submit in Duplicate)

- | | |
|--|---|
| <input type="checkbox"/> Abandonment | <input type="checkbox"/> New Construction |
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| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Recompletion |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Shoot or Acidize |
| <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other | |

Approximate Date Work Will Start

SUBSEQUENT REPORT
(Submit Original Form Only)

- | | |
|--|---|
| <input type="checkbox"/> Abandonment | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Shoot or Acidize |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Other | Report of Operations |

Date of Work Completion

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

* Must be accompanied by a cement verification report.

13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Please see the attached chronological report for the drilling operations on the above-referenced well.

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AUG 07 1991

DIVISION OF
OIL GAS & MINING

14. I hereby certify that the foregoing is true and correct

Name & Signature



Eileen Danni Day

Title Regulatory Analyst Date 8/5/91

(State Use Only)

COASTAL OIL & GAS CORPORATION
CHRONOLOGICAL HISTORY

NBU #159
NATURAL BUTTES UNIT
UINTAH COUNTY, UTAH
COASTALDRIL #1
WI: 60% COGC AFE: 13100
ATD: 6075' (WASATCH) SD: 7/24/91
CSG: 8-5/8" @ 275'
DHC(M\$): 158.9

NE/SW SECTION 35-T9S-R21E

7/13/91 275' WORT Spud 12: p.m., 7/10/91. Drilled 12-1/4" w/L. Ross Drlg to 263' GL. Ran 6 jts (264') 8-5/8" 24# K-55 ST&C csg. Cmt w/Howco: 10 bbls FW, 20 bbls gel water; 150 sx Prem+ Type V w/2% CaCl₂ and 1/4#/sk Flocele, 38 sx to pit. Witnessed by Carol Kubley w/Utah State. CC: \$18,191.

7/25/91 1030' Drlg 755'/9.5 hrs. Spud 8:00 p.m., 7/24/91. RDRT - move - RURT. Test BOP to 2000 psi, csg leaked to 1300 psi/5 min. State was notified but did not witness. PU BHA, tag cmt @ 230'. Drill cmt & shoe. Drlg, svy: 1-3/4 deg @ 793'. Drlg w/air mist, pH 10, 1200 CFM, CC: \$53,972.

7/26/91 2350' Drlg 1320'/23 hrs. Drlg, svy: 1-1/2 deg @ 1485'; 1-1/2 deg @ 2215'. Drlg, wqater @ 1640'. Drlg w/aerated wtr, pH 10.0, 350 CFM. CC: \$64,254.

7/27/91 3350' Drlg 1000'/21 hrs. Drlg, RS, drlg. POH 8 stds. Chg out boot on drum clutch. TIH and unload hole. Drlg, svy: 2 deg @ 3033'. Drlg w/aerated wtr. pH 10.0, 600 CFM. CC: \$70,895.

7/28/91 4300' Drlg 950'/23 hrs. Drlg, RS, svy: 1-3/4 deg @ 3904'. Drlg w/aerated wtr, pH 9.5, AIR 600 CFM. CC: \$77,366.

7/29/91 5020' Drlg 720'/18.5 hrs. Drlg, RS, check BOP, drlg. TFNB. Chg flowline valve, dress bit. TIH, wash 30' to btm, 15' fill, drlg. Aerated wtr, pH 9.5, 600 CFM. CC: \$88,689.

7/30/91 5790' Drlg 770'/22 hrs. Drlg, RS, check BOP. Drlg, svy: 2-3/4 deg @ 6609'. pH 9.5, 600 CFM. CC: \$96,527.

7/31/91 6049' Running E logs. 259'/9 hrs. Drlg, circ. Short trip 15 stds. Pump 400 bbls 10 PPG brine. POOH for E logs - SLM, no correction. WO loggers, HLS. Run E logs: Den-Neutron-GR-DLL-Caliper, Density failed. POOH, chg out density tool. TIH, start logging @ report time. Logger's TD = 5990'. Drlg brks from 5607-5615'; 5951-5974'. Drlg w/aerated wtr. pH 9.5, 600 CFM. CC: \$107,259.

8/1/91 6049' Rig released @ 6:00 a.m., 8/1/91. Logging w/HLS: DLL-GR-Den-Neut-Cal-Density-Neit from 5992-2600'; GR to surface; DLL from 5658' to surface. TIH to 5670', hit bridge. RU LD machine. LD DP & DC. PU 5-1/2" csg & run to 5670'. Wash 5670'-6049'. Circ, cmt w/Howco. 40 bbls FW, 210 sx HiFill, 1#/sk Capseal, 0.3% HR-7, 3.82 cu ft/sk, 11 PPG; 425 sx 50-50 Poz, 2% gel, 10% salt, 0.6% Halad-24, 0.2% CFR-3, 1/4#/sk Flocele, 1#/sk Capseal, 1.38 cu ft sk, 14.1 PPG, 139 bbls wtr. Bump plug w/2000 psi. Floats held, no returns, good lift. Set csg slips w/100M#. PU stack and cut csg. Ran 147 jts (6058') 5-1/2", 17# J-55 LT&C csg. FS 6049' (Tex pattern shoe); FC 6007', flag jt @ 4489'. Ran 10 centralizers. CC: \$182,663. FINAL DRILLING REPORT.

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SEP 03 1991

DIVISION OF
OIL GAS & MINING

St

43-047-31996

Coastal Oil & Gas

NBU #159

Section 35

Township 9S

Range 21E

County, Uintah, Utah

Operator Coastal Oil & Gas

Contractor Coastal Drilling #1

7-24-91

Tested by Elbert King

QUICK TEST INC.
OFFICE (801) 789-8159

Coastal Oil & Gas Corp.
NBU #159
7-24-91

TEST #	ITEM TESTED	PRESSURE	MIN. HELD	RESULTS
1	1st choke, 1st set manifold valves	2000	10	No visible leaks
2	1st choke, leak on top manifold			OK
3	1st choke			leak on bottom manifold choke OK
4	1st choke, 2nd set manifold valves	2000	10	No visible leaks
5	Safety valve	2000	10	No visible leaks
6	Lower kelly	2000	10	No visible leaks
7	Upper kelly	2000	10	No visible leaks
8	Pipe rams, 1st choke, 1st kill	2000	10	No visible leaks
9	Hydril, 1st choke, 1st kill	1500	10	No visible leaks
10	Blind rams, 1st kill, 1st set manifold valves	2000	10	No visible leaks
11	Casing 1st kill, 1st set manifold valves	1500	30	No visible leaks

PRINTED IN U.S.A.

DAY

12

11

10

1

2

4

5

NIGHT

6 7 8 9 10 11 12

12

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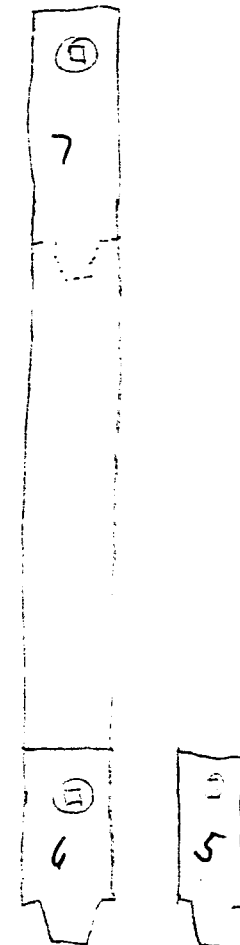
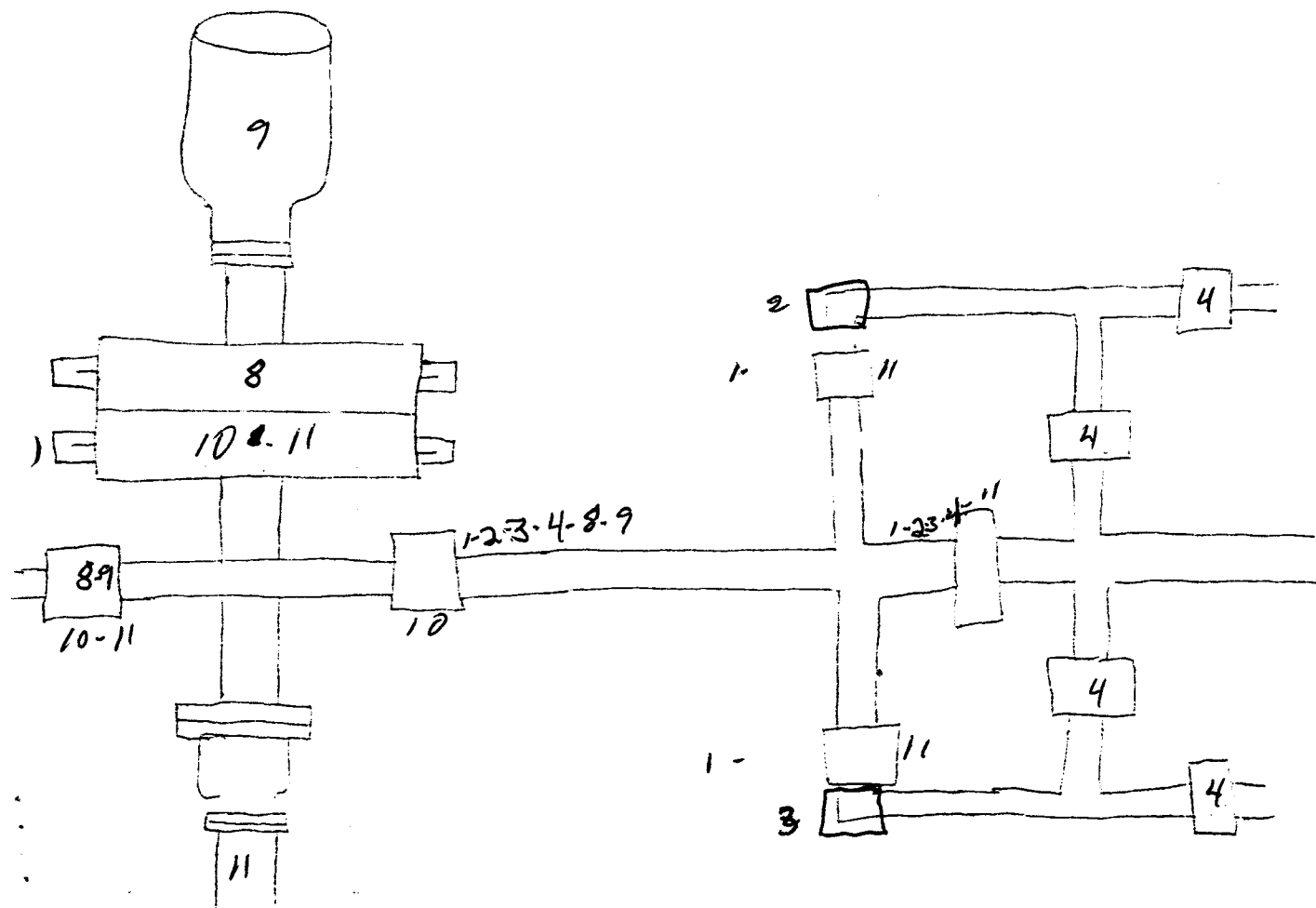
6

5

CALIBRATED CHARTS
Coastal 0-1600
METER NUMBER
TIME PUT ON
DATE PUT ON
TIME TAKEN OFF
DATE TAKEN OFF
BR-4638
80-100-8
Coastal Rig #1

6 NIGHT

CATALON #1



STATE OF UTAH
DIVISION OF OIL, GAS & MINING
CEMENTING OPERATIONS

COMPANY NAME: COASTAL OIL & GAS COMPANY MAN: KEITH SLOAN
WELL NAME: NBU 159 WELL SIGN: NO
QTR QTR: NESW SECTION: 35 TWP: 09 SOUTH RANGE: 21 EAST
CEMENTING COMPANY: HALLIBURTON SERVICES
INSPECTOR: CAROL KUBLY DATE: 07.11.91

CEMENTING OPERATIONS:

PLUGBACK: _____ SQUEEZE: _____ CASING: _____ P-A ZONE: _____
SURFACE CASING: YES INTERMEDIATE: _____ PROD. CASING: _____
PERFORATIONS: _____ SQUEEZE PRESSURE: _____

CASING INFORMATION:

SIZE: 8 5/8" GRADE: K-55 WEIGHT: 24 # LENGTH: 263.76
+ .8 GUIDE SHOE
HOLE SIZE: 12 1/4" DEPTH: 267'

SLURRY INFORMATION

1. CLASS:
LEAD: PREMIUM + AG W/ 1/4 PPS FLOCELE + 2% CaCl
2. SLURRY WEIGHT:
LEAD: 15.6 TAIL:
3. WATER (GAL / SX)
LEAD: 5.20 TAIL:
4. COMPRESSIVE STRENGTH
PSI AT: 1600# HOUR: 12 HOURS

PIPE CENTRALIZED: X3 + 1 FAST GRIP		CEMENTING STAGES: ONE	
LOST RETURNS: NO	REGAIN RETURNS: NO	BARRELS LOST: 0	
TOP OF CEMENT: SFC	CEMENT TO SURFACE?: YES	% EXCESS: 75 %	

ADDITIONAL COMMENTS: PUMPED 20 BBLS GEL WATER THEN 10 BBLS FRESH WATER THEN 150 SX (31.5 BBL) CEMENT SLURRY. DROPPED PLUG THEN DISPLACED WITH 14.8 BBL FRESH WATER. BUMPED PLUG WITH 500#. LEFT 85# HYDROSTATIC ON CEMENT HEAD. LEFT 30' CEMENT IN PIPE BELOW GUIDE SHOE.

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

WELL COMPLETION OR RECOMPLETION REPORT AND LOG						5. LEASE DESIGNATION AND SERIAL NO.	
1a. TYPE OF WELL: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> b. TYPE OF COMPLETION: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/>						State U-01194	
						6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A	
2. NAME OF OPERATOR Coastal Oil & Gas Corporation						7. UNIT AGREEMENT NAME Natural Buttes Unit	
3. ADDRESS OF OPERATOR P. O. Box 749 Denver, CO 80201-0749 (303) 553-4476						8. FARM OR LEASE NAME NBU	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface 1958' FSL & 1945' FWL (NE/SW) OIL, GAS & MINING At top prod. interval reported below Same as above. At total depth Same as above.						9. WELL NO. 159	
						10. FIELD AND POOL, OR WILDCAT Natural Buttes	
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Section 35, T9S-R21E							
14. API NO. 43-047-31996				DATE ISSUED 4/3/91		12. COUNTY Uintah	
						13. STATE Utah	
13. DATE SPUDDED 7/10/91		16. DATE T.D. REACHED 7/30/91		17. DATE COMPL. (Ready to prod.) 8/9/91 (Plug & Abd.)		18. ELEVATIONS (DP, BSB, RT, GR, ETC.) 5032' GR, 5094' KB	
19. ELEV. CASINGHEAD							
20. TOTAL DEPTH, MD & TVD 6049'		21. PLUG BACK T.D., MD & TVD 6007'		22. IF MULTIPLE COMPL. HOW MANY		23. INTERVALS DRILLED BY SFC-TD	
						24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD) 4988'-5957' Wasatch	
						25. WAS DIRECTIONAL SURVEY MADE No	
26. TYPE ELECTRIC AND OTHER LOGS RUN DEN-Neutron-GR-DLL-Caliper, CBL-GR 8-2691				27. WAS WELL CORED YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> (Submit analysis) DRILL STEM TEST YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> (See reverse side)			
28. CASING RECORD (Report all strings set in well)							
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD		AMOUNT PULLED	
8-5/8"	24#	275'	12-1/4"	150 sx Prem Type V + Add.		None	
5-1/2"	17#	6049'	7-7/8"	635 sx HiFill & 50/50 Poz		None	
29. LINER RECORD							
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT	SCREEN (MD)	30. TUBING RECORD		
					SIZE	DEPTH SET (MD)	PACKER SET (MD)
31. PERFORATION RECORD (Interval, size and number) Perf'd w/4" csg gun @ following depths: 4988' 5599' 5957' 4993' 5609' 5596' 5951'							
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.							
DEPTH INTERVAL (MD)				AMOUNT AND KIND OF MATERIAL USED			
4988'-5957'				4000 gals 3% KCl & 14 BS's			
33. PRODUCTION							
DATE FIRST PRODUCTION 8/8/91		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing				WELL STATUS (Producing or shut-in) SI	
DATE OF TEST 8/9/91	HOURS TESTED 24	CHOKE SIZE 20/64"	PROD'N. FOR TEST PERIOD →	OIL—BSL 0	GAS—MCF. 130	WATER—BSL 0	GAS-OIL RATIO N/A
FLOW. TUBING PRESS. 40	CASING PRESSURE 750	CALCULATED 24-HOUR RATE →	OIL—BSL 0	GAS—MCF. 130	WATER—BSL 0	OIL GRAVITY-API (CORR.) N/A	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) SI, WOPLC						TEST WITNESSED BY D. Barone	
35. LIST OF ATTACHMENTS Chronological report.							
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records							
SIGNED Eileen Danni Dey		TITLE Regulatory Analyst				DATE 10/10/91	

See Spaces for Additional Data on Reverse Side

INSTRUCTIONS

This form should be completed in compliance with the Utah Oil and Gas Conservation General Rules. If not filed prior to this time, all logs, tests, and directional surveys as required by Utah Rules should be attached and submitted with this report.

ITEM 18: Indicate which elevation is used as reference for depth measurements given in other spaces on this form and on any attachments.

ITEMS 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

ITEM 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

ITEM 33: Submit a separate completion report on this form for each interval to be separately produced (see instruction for items 22 and 24 above).

37. SUMMARY OF POROUS ZONES:				38. GEOLOGIC MARKERS		
Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.						
Formation	Top	Bottom	Description, contents, etc.	Name	Meas. Depth	Top True Vert. Depth
				Wasatch	4716'	4716'

COASTAL OIL & GAS CORPORATION
CHRONOLOGICAL HISTORY

NBU #159
NATURAL BUTTES UNIT
UINTAH COUNTY, UTAH
COASTALDRIL #1
WI: 60% COGC AFE: 13100
ATD: 6075' (WASATCH) SD: 7/24/91
CSG: 8-5/8" @ 275'
DHC(M\$): 158.9

NE/SW SECTION 35-T9S-R21E

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- 7/26/91 2350' Drlg 1320'/23 hrs. Drlg, svy: 1-1/2 deg @ 1485'; 1-1/2 deg @ 2215'. Drlg, wqater @ 1640'. Drlg w/aerated wtr, pH 10.0, 350 CFM. CC: \$64,254.
- 7/27/91 3350' Drlg 1000'/21 hrs. Drlg, RS, drlg. POH 8 stds. Chg out boot on drum clutch. TIH and unload hole. Drlg, svy: 2 deg @ 3033'. Drlg w/aerated wtr. pH 10.0, 600 CFM. CC: \$70,895.
- 7/28/91 4300' Drlg 950'/23 hrs. Drlg, RS, svy: 1-3/4 deg @ 3904'. Drlg w/aerated wtr, pH 9.5, AIR 600 CFM. CC: \$77,366.
- 7/29/91 5020' Drlg 720'/18.5 hrs. Drlg, RS, check BOP, drlg. TFNB. Chg flowline valve, dress bit. TIH, wash 30' to btm, 15' fill, drlg. Aerated wtr, pH 9.5, 600 CFM. CC: \$88,689.
- 7/30/91 5790' Drlg 770'/22 hrs. Drlg, RS, check BOP. Drlg, svy: 2-3/4 deg @ 6609'. pH 9.5, 600 CFM. CC: \$96,527.
- 7/31/91 6049' Running E logs. 259'/9 hrs. Drlg, circ. Short trip 15 stds. Pump 400 bbls 10 PPG brine. POOH for E logs - SLM, no correction. WO loggers, HLS. Run E logs: Den-Neutron-GR-DLL-Caliper, Density failed. POOH, chg out density tool. TIH, start logging @ report time. Logger's TD = 5990'. Drlg brks from 5607'-5615'; 5951-5974'. Drlg w/aerated wtr. pH 9.5, 600 CFM. CC: \$107,259.
- 8/1/91 6049' Rig released @ 6:00 a.m., 8/1/91. Logging w/HLS: DLL-GR-Den-Neut-Cal-Density-Neit from 5992-2600'; GR to surface; DLL from 5658' to surface. TIH to 5670', hit bridge. RU LD machine. LD DP & DC. PU 5-1/2" csg & run to 5670'. Wash 5670'-6049'. Circ, cmt w/Howco. 40 bbls FW, 210 sx HiFill, 1#/sk Capseal, 0.3% HR-7, 3.82 cu ft/sk, 11 PPG; 425 sx 50-50 Poz, 2% gel, 10% salt, 0.6% Halad-24, 0.2% CFR-3, 1/4#/sk Flocele, 1#/sk Capseal, 1.38 cu ft sk, 14.1 PPG, 139 bbls wtr. Bump plug w/2000 psi. Floats held, no returns, good lift. Set csg slips w/100M#. PU stack and cut csg. Ran 147 jts (6058') 5-1/2", 17# J-55 LT&C csg. FS 6049' (Tex pattern shoe); FC 6007', flag jt @ 4489'. Ran 10 centralizers. CC: \$182,663. FINAL DRILLING REPORT.

THE COASTAL CORPORATION
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

PAGE 2

NBU #159
NE/SW SECTION 35-T9S-R21E
NATURAL BUTTES UNIT
UINTAH COUNTY, UTAH
WI: 60% COGC AFE: 13100
TD: 6049' (WASATCH) SD: 7/24/91
CSG: 5-1/2" @ 6049'
PERFS: 4988'-5957' (WASATCH)
CWC(M\$): \$358.8

8/6/91	Drill out float collar. MIRU Pool. TIH w/tbg. Tag cmt @ 5997'. DC: \$19,100 TC: \$201,763
8/7/91	Prep to perf. Drill out cmt to FC @ 6007'. Circ hole clean. POOH. MIRU HLS. Run CBL-GR from PBD to 1450'. TOC @ 1660'. Pressure tst csg to 4500 psi. DC: \$1,350 TC: \$203,113
8/8/91	Flow to pit. Perf Wasatch w/7 holes from 4988' to 5957'. TIH w/tbg to 4933'. Breakdown Wasatch w/4000 gals 3% KCl and 14 ball sealers. ISIP 1430 psi, 15 min 1270 psi. AIR 6.5 BPM, AIP 4700 psi. Open well to pit. Well flowing. DC: \$8,096 TC: \$211,209
8/9/91	Flow to pit. Flowing 130 MCFD, FTP 40 psi, CP 750 psi, 20/64" choke. DC: \$990 TC: \$212,199
8/10/91	SI waiting on frac. Flowing 130 MCFD, FTP 40 psi, CP 750 psi, 20/64" choke. POOH w/tbg. Lay down tbg. <u>Drop from report until further activity.</u> DC: \$1,150 TC: \$213,349

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

6. Lease Designation and Serial Number

State U-01194

Indian Allottee or Tribe Name

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells; deepen existing wells; or to reenter plugged and abandoned wells.

Use APPLICATION FOR PERMIT—for such proposals.

N/A

8. Unit or Communitization Agreement

Natural Buttes Unit

9. Well Name and Number

NBU #159

10. API Well Number

43-047-31996

11. Field and Pool, or Wildcat

Natural Buttes

1. Type of Well

☐ Oil Well☒ Gas Well☐ Other (specify)

2. Name of Operator

Coastal Oil & Gas Corporation

3. Address of Operator

P. O. Box 749 Denver, CO 80201-0749

4. Telephone Number

(303) 573-4476

5. Location of Well

Footage 1953' FSL & 1945' FWL

Q. Sec. T. R. M. : NE/SW Section 35, T9S-R21E

County : Uintah

State : UTAH

12. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT
(Submit in Duplicate)

- ☐ Abandonment
☐ Casing Repair
☐ Change of Plans
☐ Conversion to Injection
☐ Fracture Treat
☐ Multiple Completion
☒ Other Pipeline Right-of-Way
- ☐ New Construction
☐ Pull or Alter Casing
☐ Recompletion
☐ Shoot or Acidize
☐ Vent or Flare
☐ Water Shut-Off

Approximate Date Work Will Start

SUBSEQUENT REPORT
(Submit Original Form Only)

- ☐ Abandonment
☐ Casing Repair
☐ Change of Plans
☐ Conversion to Injection
☐ Fracture Treat
☐ Other
- ☐ New Construction
☐ Pull or Alter Casing
☐ Shoot or Acidize
☐ Vent or Flare
☐ Water Shut-Off

Date of Work Completion

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

* Must be accompanied by a cement verification report.

13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Coastal Oil & Gas Corporation requests a right-of-way to install a 4" gas pipeline from the NBU #159 gas well and tie into the existing gas pipeline. This right-of-way will be located in Section 35, T9S-R21E within lease State U-01194 and within the Natural Buttes Unit boundaries. Coastal requests a 30' width easement with a total slope distance of $\pm 1169'$. There will be minimum surface disturbance as the pipeline will be laid on the surface. Please see the attached topographic map which illustrates this proposed right-of-way.

RECEIVED

OCT 25 1991

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MININGDATE: 10-31-91
BY: [Signature]DIVISION OF
OIL GAS & MINING

4. I hereby certify that the foregoing is true and correct

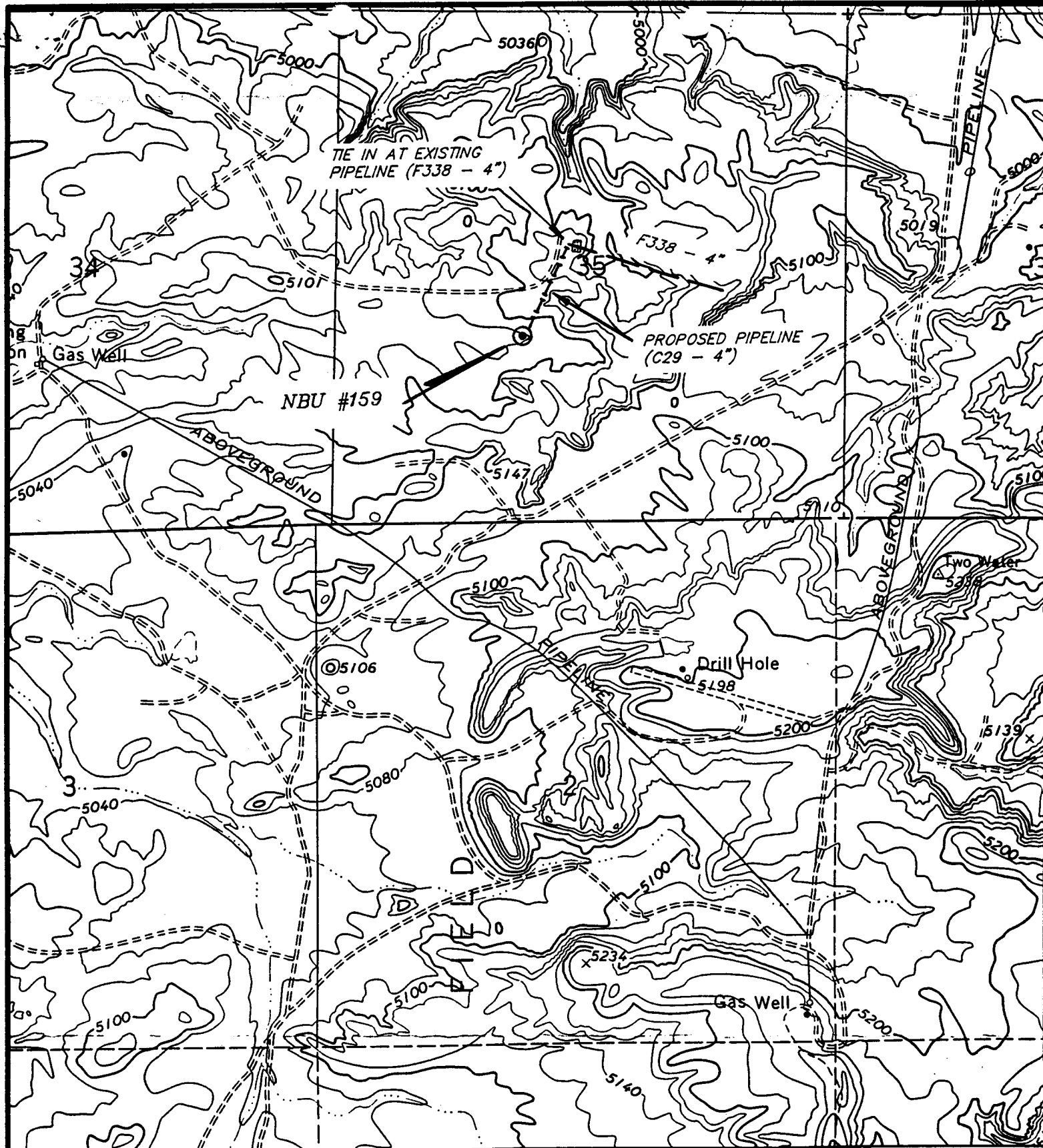
Name & Signature

Title Regulatory Analyst

Date 10/22/91

State Use Only)

Eileen Dammey



TOTAL PIPELINE SLOPE DISTANCE = 1,169'

**TOPOGRAPHIC
MAP**

LEGEND

- EXISTING PIPELINE
- - - - - Proposed Pipeline



COASTAL OIL & GAS CORP.

PROPOSED PIPELINE RIGHT-OF-WAY FOR
NBU #159
SECTION 35, T9S, R21E, S.L.B.&M.

DATE 10-15-91

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells; deepen existing wells; or to reenter plugged and abandoned wells.

Use APPLICATION FOR PERMIT—for such proposals.

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other (specify)		6. Lease Designation and Serial Number State U-01194
2. Name of Operator Coastal Oil & Gas Corporation		7. Indian Allottee or Tribe Name N/A
3. Address of Operator P. O. Box 749 Denver, CO 80201-0749		8. Unit or Communitization Agreement Natural Buttes Unit
4. Telephone Number (303) 573-4476		9. Well Name and Number NBU #159
5. Location of Well Footage : 1958' FSL & 1945' FWL Q. Sec. T. R. M. : NE/SW Section 35, T9S-R21E County : Uintah State : UTAH		10. API Well Number 43-047-31996
11. Field and Pool, or Wildcat Natural Buttes		

12. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
NOTICE OF INTENT (Submit in Duplicate)		SUBSEQUENT REPORT (Submit Original Form Only)	
<input type="checkbox"/> Abandonment <input type="checkbox"/> Casing Repair <input type="checkbox"/> Change of Plans <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> Fracture Treat <input type="checkbox"/> Multiple Completion <input type="checkbox"/> Other _____	<input type="checkbox"/> New Construction <input type="checkbox"/> Pull or Alter Casing <input type="checkbox"/> Recompletion <input type="checkbox"/> Shoot or Acidize <input type="checkbox"/> Vent or Flare <input type="checkbox"/> Water Shut-Off	<input type="checkbox"/> Abandonment <input type="checkbox"/> Casing Repair <input type="checkbox"/> Change of Plans <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> Fracture Treat <input checked="" type="checkbox"/> Other <u>Report of 1st Sales</u>	<input type="checkbox"/> New Construction <input type="checkbox"/> Pull or Alter Casing <input type="checkbox"/> Shoot or Acidize <input type="checkbox"/> Vent or Flare <input type="checkbox"/> Water Shut-Off
Approximate Date Work Will Start _____		Date of Work Completion <u>1/16/92</u>	
Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form. • Must be accompanied by a cement verification report.			

13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

The above referenced well was connected to CIG's gas salesline and 1st sales occurred @ 4:00 p.m., 1/16/92 with a rate of 157 MCFD, SITP 1806 psi, SICP 1720 psi on 6/64" choke.

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JAN 27 1992

DIVISION OF
OIL GAS & MINING

14. I hereby certify that the foregoing is true and correct

Name & Signature

(State Use Only)

Eileen Danni Dey

Title Regulatory Analyst Date 1/22/92

STATE OF UTAH
DIVISION OF OIL, GAS & MINING
WELL COMPLETION FORM

COMPANY: COASTAL OIL & GAS

WELL NAME: NBU 159

API #: 43-047-31996

QTR QTR: NESW

SECTION: 35

TWP: 09 SOUTH RANGE: 21 EAST

INSPECTOR: CAROL KUBLY

TIME: 1612 HRS DATE: 11.05.91

WELL STATUS: SGW

PRODUCING FORMATION: WSTC

SPUD DATE: 07.10.91

T.D. DATE: 07.30.91

DEPTH: 6049'

IP: BOPD:

MCFPD: 130

BWPD:

=====

<input type="checkbox"/> _Y_	WELL SIGN	<input type="checkbox"/> _Y_	HOUSEKEEPING	<input type="checkbox"/> _Y_	SECURITY
<input type="checkbox"/> _Y_	RESERVE PIT	<input type="checkbox"/> _Y_	FLARE PIT	<input type="checkbox"/> _N_	EMERGENCY PIT
<input type="checkbox"/> _N_	FLARING	<input type="checkbox"/> _N_	VENTING	<input type="checkbox"/> _N_	METERING

=====

LEGEND: (Y) - YES (N) - NO (P) - PROBLEM (N/A) - NOT APPLICABLE

=====

FACILITIES INSPECTED: LOCATION, WELL HEAD WITH TREE

REMARKS: SGW - TP= 0, CP= 875

RESERVE PIT FENCED ON 4 SIDES AND DRY.

ACTION: _____

=====

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells; deepen existing wells; or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT for such proposals.

6. Lease Designation and Serial Number

State U-01194

7. Indian Allottee or Tribe Name

N/A

8. Unit or Communitization Agreement

Natural Buttes Unit

9. Well Name and Number

NBU #159

10. API Well Number

43-047-31996

11. Field and Pool, or Wildcat

Natural Buttes

1. Type of Well

☐ Oil Well

☒ Gas Well

☐ Other (specify)

2. Name of Operator

Coastal Oil & Gas Corporation

3. Address of Operator

P. O. Box 749 Denver, CO 80201-0749

4. Telephone Number

(303) 573-4476

5. Location of Well

Footage : 1958' FSL & 1945' FWL

QQ. Sec. T. R. M. : NE/SW Section 35, T9S-R21E

County : Uintah

State : UTAH

12. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT
(Submit in Duplicate)

- | | |
|--|---|
| <input type="checkbox"/> Abandonment | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Recompletion |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Shoot or Acidize |
| <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other | |

Approximate Date Work Will Start

SUBSEQUENT REPORT
(Submit Original Form Only)

- | | |
|--|---|
| <input type="checkbox"/> Abandonment | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Shoot or Acidize |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Vent or Flare |
| <input checked="" type="checkbox"/> Fracture Treat | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other | |

Date of Work Completion 12/28/91

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

* Must be accompanied by a cement verification report.

13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Please see the attached chronological history for the fracture treatment procedure performed on the above referenced well.

RECEIVED

MAR 04 1992

DIVISION OF
OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct

Name & Signature

(State Use Only)

Gillian Danna Day
Gillian Danna Day

Title Regulatory Analyst Date 2/27/92

THE COASTAL CORPORATION
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

PAGE 2

NBU #159
NE/SW SECTION 35-T9S-R21E
NATURAL BUTTES UNIT
UINTAH COUNTY, UTAH
WI: 60% COGC AFE: 13100
TD: 6049' (WASATCH) SD: 7/24/91
CSG: 5-1/2" @ 6049'
PERFS: 4988'-5957' (WASATCH)
CWC(M\$): \$358.8

12/21/91 Prep to run tbg. MIRU Pool Company rig #298.
 DC: \$1,400 TC: \$214,749

12/22/91 SI, WO frac. Killed well. RIH w/156 jts 2-3/8" tbg and landed @
 4921'. ND BOP, NU WH. RDMO Pool rig #298.
 DC: \$1,940 TC: \$216,689

12/28/91 Flow back after frac. RU Western Company. Breakdown Wasatch perfs
 @ 4988'-5957' (7 holes) w/1000 gals 15% HCl. Fracture treat perfs
 w/63,050 gals 40# CMHPG frac fluid w/30% CO₂ and 97,065# 20/40 mesh
 sand. ATP 3300 psi, AIR 30 BPM. ISIP 1630 psi, 15 min 1560 psi.
 DC: \$59,500 TC: \$276,189

12/29/91 Flwg 1000 MCFD CO₂, FTP 1000 psi, CP 900 psi, 16/64" chk, 10 BWPH.

12/30/91 Flwg 500 MCFD CO₂, FTP 650 psi, CP 600 psi, 16/64" chk, 6 BWPH.

12/31/91 Flwg 850 MCFD CO₂, FTP 600 psi, CP 500 psi, 16/64" chk, 1t mist.

1/1/92 Flwg 200 MCFD CO₂, FTP 150 psi, CP 450 psi, 16/64" chk, 2 BWPH.

1/2/92 Flwg 250 MCFD CO₂, FTP 200 psi, CP 400 psi, 16/64" chk, 2 BWPH.

1/3/92 SI, WOPLC. Flwg 250 MCFD, FTP 150 psi, CP 350 psi, 16/64" chk, dry
 gas. Drop from report.

RECEIVED

MAR 04 1992

DIVISION OF
OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

APR 17 1992

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS, OIL, GAS & MINING

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Coastal Oil & Gas Corporation

3. Address and Telephone No.

P. O. Box 749 Denver, CO 80201-0749 (303) 573-4476

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

See Attached List

5. Lease Designation and Serial No.

See Attached List

6. If Indian, Allottee or Tribe Name

See Attached List

7. If Unit or CA, Agreement Designation

Natural Buttes Unit

8. Well Name and No.

See Attached List

9. API Well No.

See Attached List

10. Field and Pool, or Exploratory Area

Natural Buttes

11. County or Parish, State

Uintah County, Utah

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other NTL 2B; IV
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Coastal Oil & Gas Corporation hereby requests permission to dispose of produced water in unlined pits per NTL-2B, IV, for the subject wells.

- These wells are completed in the Wasatch formation and produce less than 5 barrels of water per day on a monthly basis.
- Two unlined pits per location will be used due to the size and layout of the locations: 40' x 40' x 8' and 6' x 6' x 6' deep with berms surrounding them. Each pit will be fenced and will have cement corner posts per BLM specifications. (See the attached typical facilities diagram.)
- The average evaporation rate for the area compensated for annual rainfall is 70" per year.
- The estimated percolation rate based on the soil characteristics under and adjacent to the pits is 2-6" per hour.
- The depth of usable water aquifers in this area is approximately 1500'.

14. I hereby certify that the foregoing is true and correct.

Signed Eileen Danni Dey Title Regulatory Analyst Date 4/14/92

(This space for Federal or State office use)

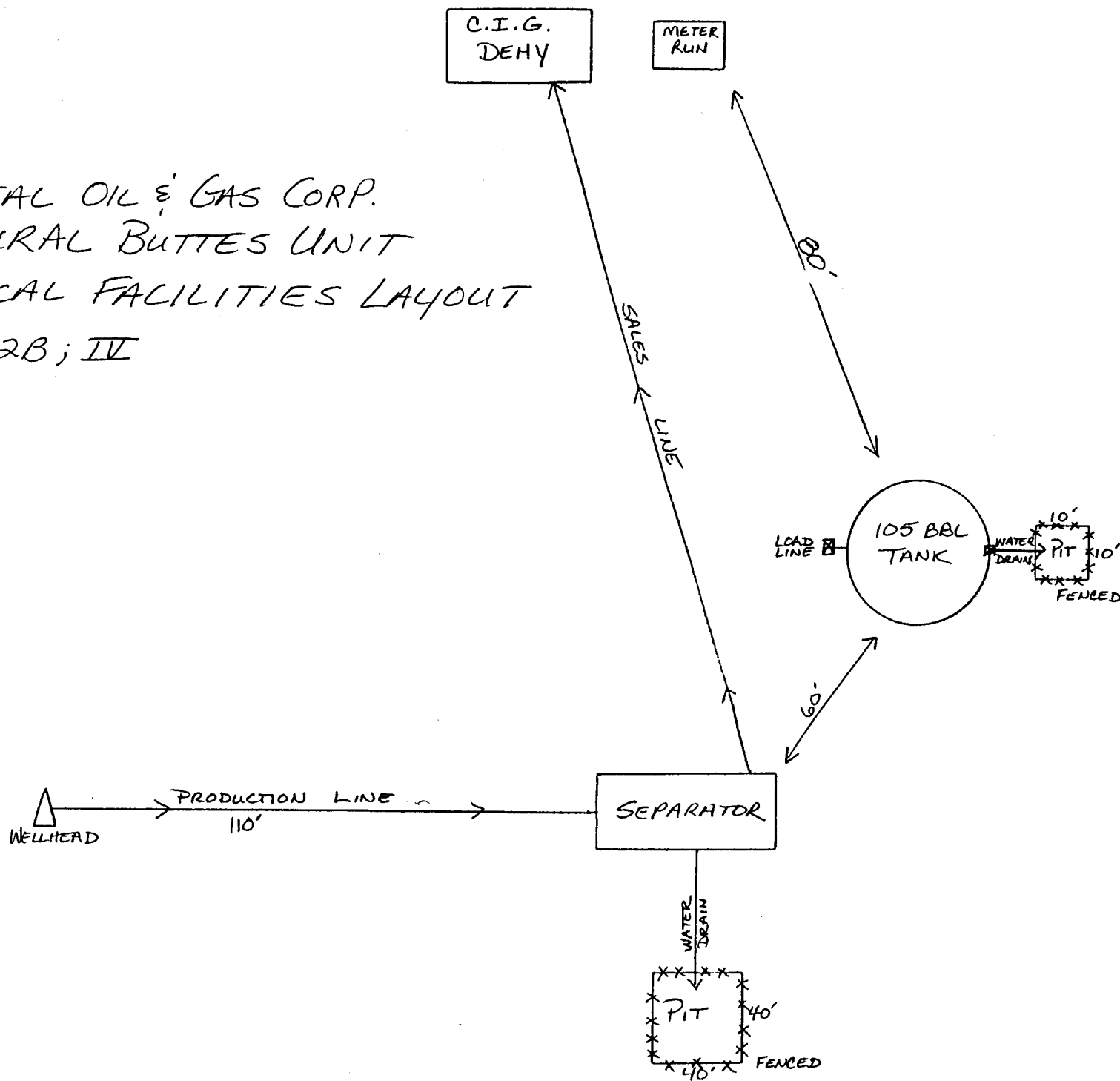
Approved by _____ Title _____
Conditions of approval, if any: _____

Accepted by the State
of Utah Division of
Oil, Gas and Mining
Date: 4-29-92

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

COASTAL OIL & GAS CORP.
NATURAL BUTTES UNIT
TYPICAL FACILITIES LAYOUT
NTL-2B; IV



13-Apr-92

NATURAL BUTTES

UINTAH COUNTY, UTAH

WELL #	LOCATION QUAD SEC TWP RGE	STATE OR BLM LEASE #	SURFACE	API NUMBER
NBU #103	SENW 10 9 21	U-0141315	UTE	43-047-31956
NBU #104	SENE 16 9 21	ST ML-3282	UTE	43-047-31957
NBU #105	SWSW 17 9 21	U-0575	UTE	43-047-31955
NBU #106	NESW 21 9 21	U-0576	UTE	43-047-31946
NBU #107	SENW 26 9 21	ST ML-01194	STATE	43-047-31916
NBU #108	SESE 19 9 22	U-0284	UTE	43-047-31958
NBU #109	SENE 27 9 21	ST U-01194-A	STATE	43-047-31917
NBU #110	NENE 28 9 21	U-0576	FED.	43-047-31924
NBU #111	SWNW 25 9 21	ST U-01194	STATE	43-047-31920
NBU #112	SESE 33 9 22	U-01191	FED.	43-047-31930
NBU #113	SESE 34 9 22	U-0149077	FED.	43-047-31931
NBU #114	SWSW 5 10 21	U-01393-D	FED.	43-047-31923
NBU #115	NENW 10 10 21	U-0149079	FED.	43-047-31929
NBU #116	NWNW 6 10 22	U-464	FED.	43-047-31925
NBU #117	NENE 10 10 22	ST UT-01197-A	STATE	43-047-31914
NBU #118	SENE 22 9 20	U-0577-B	UTE	43-047-31969
NBU #119	SENW 22 9 20	U-0577-B	UTE	43-047-31973
NBU #120	NWNW 10 9 21	U-0141315	UTE	43-047-31972
NBU #121	NWNE 13 9 21	U-01193	UTE	43-047-
NBU #122	SWSE 13 9 21	U-01193	UTE	43-047-32085
NBU #123	NWNW 15 9 21	U-01188	UTE	43-047-31974
NBU #124	NWNE 16 9 21	ST ML-3282	UTE	43-047-31971
NBU #125	NESE 17 9 21	U-0575	UTE	43-047-32090
NBU #126	NENW 21 9 21	U-0576	UTE	43-047-31962
NBU #127	SWNW 21 9 21	U-0576	UTE	43-047-31963
NBU #128	SWSW 21 9 21	U-0576	UTE	43-047-31964
NBU #129	SENE 22 9 21	U-010950-A	UTE	43-047-31965
NBU #130	SWNW 22 9 21	U-0147566	UTE	43-047-31967
NBU #131	NWSW 23 9 21	U-0149075	UTE	43-047-31966
NBU #132	NWNW 26 9 21	ST U-01194	STATE	43-047-31938
NBU #133	SWNE 28 9 21	U-0576	FED.	43-047-31950
NBU #134	SWSW 28 9 21	U-0576	FED.	43-047-32011
NBU #135	NESE 18 9 22	U-461	UTE	43-047-32089
NBU #136	SWSE 19 9 22	U-0284	UTE	43-047-31968
NBU #137	SESE 30 9 22	ST ML-22935	STATE	43-047-31939
NBU #138A	SENE 33 9 22	U-01191-A	FED.	43-047-32151
NBU #139	SWNE 14 10 21	U-465	FED.	43-047-31948
NBU #140	NWNE 5 10 22	U-01191A	FED.	43-047-31947
NBU #141	SENW 6 10 22	U-464	FED.	43-047-32017
NBU #142	NESE 10 10 22	U-025187	FED.	43-047-32013
NBU #143	NWNE 10 9 21	U-0141315	UTE	43-047-32088
NBU #144	NWNW 23 9 21	U-0149075	UTE	43-047-32044
NBU #145	NWNE 27 9 21	ST U-01194-A	STATE	43-047-31976
NBU #146	SWNW 14 10 21	U-465	FED.	43-047-31985
NBU #147	NWSW 4 10 22	U-01191	FED.	43-047-31984
NBU #148	SESW 4 10 22	U-01191	FED.	43-047-31983
NBU #149	NESE 5 10 22	U-01191	FED.	43-047-31982
NBU #150	SENW 9 10 22	U-01196-B	FED.	43-047-31992
NBU #151	NWNW 9 10 22	U-01196-B	FED.	43-047-31991
NBU #152	SESE 9 10 22	U-01196-D	FED.	43-047-31990
NBU #153	SWNW 11 10 22	ST U-01197-A	STATE	43-047-31975
NBU #154	NWSE 26 9 21	ST ML-22934	STATE	43-047-32003
NBU #155	SENW 31 9 22	ST ML-23607	STATE	43-047-32004
NBU #156	SWNW 35 9 21	ST U-01194	STATE	43-047-32005
NBU #157	SESW 32 9 22	ST ML-22649	STATE	43-047-32007
NBU #158	NWSE 27 9 21	ST U-01194-A	STATE	43-047-31997
NBU #159	NESW 35 9 21	ST U-01194	STATE	43-047-31996
NBU #160	SESW 31 9 22	ST ML-22935-A	STATE	43-047-32006
NBU #161	SESE 32 9 22	ST ML-22649	STATE	43-047-32023
NBU #162	SENW 12 10 20	U-4478	FED.	43-047-32066
NBU #163	NENW 14 10 21	U-465	FED.	43-047-32069
NBU #164	NWSE 3 10 22	U-01191-A	FED.	43-047-32055
NBU #165	NENW 3 10 22	U-01191	FED.	43-047-32057
NBU #166	SWSE 28 9 21	U-0576	FED.	43-047-32065
NBU #167	SESW 25 9 21	ST U-01194	STATE	43-047-32054
NBU #168	NWSW 12 10 20	U-4478	FED.	43-047-32117
NBU #169	SESW 12 10 20	U-4478	FED.	43-047-32118

13-Apr-92

NATURAL BUTTES

UINTAH COUNTY, UTAH

WELL #	LOCATION	QUAD	SEC	TWP	RGE	STATE OR BLM LEASE #	SURFACE	API NUMBER
NBU #170	NWNW	4	10	22		U-01191-A	FED.	43-047-32169
NBU #171	SENE	5	10	22		U-01191-A	FED.	43-047-32115
NBU #172	NENE	19	9	22		U-0284	UTE	43-047-32194
NBU #173	NWNE	33	9	22		U-01191-A	FED.	43-047-32116
NBU #174	NWNW	11	9	21		U-0141315	UTE	43-047-32193
NBU #175	NENW	28	9	21		U-0576	FED.	43-047-32143
NBU #176	SWNW	28	9	21		U-0576	FED.	43-047-32144
NBU #177	NESE	29	9	21		U-0581	FED.	43-047-32112
NBU #178	NWNE	30	9	21		U-0581	FED.	43-047-32121
NBU #179	SWSW	10	10	21		U-01416-A	FED.	43-047-32145
NBU #180	SWSE	10	10	22		U-025187	FED.	43-047-32113
NBU #181	SESW	9	9	21		U-0576	UTE	43-047-32161
NBU #182	SENW	11	9	21		U-0141315	UTE	43-047-32162
NBU #183 ✓	SWNW	27	9	21	ST	U-01194-A	STATE	43-047-32122
NBU #184	SESW	30	9	22		U-463	FED.	43-047-32170
NBU #185	SWNE	3	10	22		U-01191-A	FED.	43-047-32171
NBU #186	SENE	30	9	22		U-463	FED.	43-047-
NBU #187	SESW	34	9	22		U-0149077	FED.	43-047-
NBU #188	SWSW	10	10	22		U-01196-C	FED.	43-047-
NBU #189	SESW	23	9	21		U-0149075	UTE	43-047-
NBU #190 ✓	NWNE	26	9	21	ST	U-01194	STATE	43-047-
CIGE 110-7-9-21	SWSE	7	9	21		U-0575-B	UTE	43-047-31959
CIGE 111-13-9-21	SESW	13	9	21		U-01193	UTE	43-047-31954
CIGE 112-19-9-21	SESE	19	9	21		U-0581	UTE	43-047-31945
CIGE 113-21-9-21	SWNE	21	9	21		U-0576	UTE	43-047-31944
CIGE 114-34-9-21 ✓	NESE	34	9	21	ST	U-01194-A	STATE	43-047-31915
CIGE 115-35-9-21 ✓	NWNE	35	9	21	ST	ML-22582	STATE	43-047-31918
CIGE 116-29-9-22 ✓	NWSW	29	9	22	ST	ML-22935	STATE	43-047-31919
CIGE 117-34-9-22	SWNW	34	9	22		U-0149077	FED.	43-047-31928
CIGE 118-35-9-22	NESE	35	9	22		U-010954A	FED.	43-047-32025
CIGE 119-15-10-21	NENE	15	10	21		U-01416-A	FED.	43-047-31927
CIGE 120-15-9-20	SENE	15	9	20		U-0144868	UTE	43-047-32032
CIGE 121-15-9-20	NWNE	15	9	20		U-0144868	UTE	43-047-32031
CIGE 122-7-9-21	NENE	7	9	21		U-0149767	UTE	43-047-32098
CIGE 123-7-9-21	SWNE	7	9	21		U-0575-B	UTE	43-047-32047
CIGE 124-9-9-21	NWSE	9	9	21		U-01188	UTE	43-047-32045
CIGE 125-13-9-21	NWNW	13	9	21		U-01193	UTE	43-047-32084
CIGE 126-13-9-21	NWSW	13	9	21		U-01193	UTE	43-047-32087
CIGE 127-16-9-21	NESW	16	9	21	ST	ML-3141	UTE	43-047-32036
CIGE 128-18-9-21	NENE	18	9	21		U-0575	UTE	43-047-32046
CIGE 129-18-9-21	NENW	18	9	21		U-0581	UTE	43-047-32043
CIGE 130-19-9-21	NENE	19	9	21		U-0581	UTE	43-047-32030
CIGE 131-19-9-21	SWNE	19	9	21		U-0581	UTE	43-047-32029
CIGE 132-20-9-21	NWSW	20	9	21		U-0575	UTE	43-047-32028
CIGE 133-35-9-21 ✓	SWSE	35	9	21	ST	ML-22582	STATE	43-047-31978
CIGE 134-1-10-20	SWSW	1	10	20		U-02270-A	FED.	43-047-31989
CIGE 135-3-10-21	SWSW	3	10	21		U-0149078	FED.	43-047-32001
CIGE 136-4-10-21 ✓	SWNE	4	10	21	ST	ML-22940	STATE	43-047-31979
CIGE 137-6-10-21	SENE	6	10	21		U-01791	FED.	43-047-31988
CIGE 138A-6-10-21	SENW	6	10	21		U-01791	FED.	43-047-31987
CIGE 139-10-10-21	SWNE	10	10	21		U-0149079	FED.	43-047-31986
CIGE 140-16-10-21 ✓	NENE	16	10	21	ST	ML-10755	STATE	43-047-31977
CIGE 141-7-10-22 ✓	NWNE	7	10	22	ST	ML-23609	STATE	43-047-31970
CIGE 142-25-9-21 ✓	SENE	25	9	21	ST	U-01189	STATE	43-047-31994
CIGE 143-34-9-21 ✓	SWNE	34	9	21	ST	U-01194-A	STATE	43-047-31995
CIGE 144-2-10-22 ✓	SWNE	2	10	22	ST	ML-22651	STATE	43-047-32022
CIGE 145-29-9-22 ✓	SENW	29	9	22	ST	ML-22935	STATE	43-047-31993
CIGE 146-16-10-21 ✓	NWNE	16	10	21	ST	ML-10755	STATE	43-047-32021
CIGE 147-36-9-22 ✓	SESW	36	9	22	ST	ML-22650	STATE	43-047-32020
CIGE 148-31-9-22 ✓	NWNE	31	9	22	ST	ML-22935-A	STATE	43-047-32024
CIGE 149-8-10-21	NWNE	8	10	21		U-01791	FED.	43-047-32056
CIGE 150-9-10-21	SWNE	9	10	21		U-01416	FED.	43-047-32058
CIGE 151-10-10-21	SWSE	10	10	21		U-0149079	FED.	43-047-32059
CIGE 152-33-9-22	SESW	33	9	22		U-01191-A	FED.	43-047-32068
CIGE 153-35-9-22	SESW	35	9	22		U-010954-A	FED.	43-047-32067
CIGE 154-13-10-20	NWNW	13	10	20		U-4485	STATE	43-047-32119
CIGE 155-9-9-21	SENE	9	9	21		U-01188-B	UTE	43-047-32157

13-Apr-92

NATURAL BUTTES

UINTAH COUNTY, UTAH

WELL #	LOCATION	QUAD	SEC	TWP	RGE	STATE OR BLM LEASE #	SURFACE	API NUMBER
CIGE 156-16-9-21	NESE	16	9	21		ST ML-3282	UTE	43-047-32195
CIGE 157-16-9-21	SWNW	16	9	21		U-38409	UTE	43-047-32160
CIGE 158-21-9-21	NESE	21	9	21		U-0576	UTE	43-047-32158
CIGE 159-6-10-21	NWNE	6	10	21		U-01791	FED.	43-047-32120
CIGE 160-14-10-21	SWSE	14	10	21		U-01393-C	FED.	43-047-32124
CIGE 161-2-10-22	SESE	2	10	22		ST ML-22651	STATE	43-047-32168
CIGE 162-36-9-22	SESE	36	9	22		ST ML-22650	STATE	43-047-32164
CIGE 163-15-9-21	SENE	15	9	21		U-01193	UTE	43-047-32192
CIGE 164-34-9-22	NWNE	34	9	22		U-0149077	FED.	43-047-32141
CIGE 165-1-10-20	SWNW	1	10	20		U-02270-A	FED.	43-047-32114
CIGE 166-3-10-21	NENW	3	10	21		U-0149078	FED.	43-047-32172
CIGE 167-7-10-21	NENE	7	10	21		U-01791	FED.	43-047-32142
CIGE 168-16-10-21	NWSE	16	10	21		ST ML-10755	STATE	43-047-32123
CIGE 169-2-10-21	SENW	2	10	21		ST ML-22652	STATE	43-047-

LAWRENCE T. HARTNETT, P.E.

Petroleum Engineer
P.O. Box 140519
Edgewater, Colorado 80214-0519
HOME: (303) 238-2342 FAX: (303) 238-3816

RECEIVED

AUG 13 1993

**DIVISION OF
OIL GAS & MINING**

August 10, 1993

Water Quality Division
U. S. Environmental Protection Agency, Region VIII
999 18th Street, Suite 500
Mail Code 8WM-DW
Denver, CO 80202-2466

RE: Underground Injection Control
Permit Application
Coastal Oil & Gas Corporation
Natural Buttes Unit #159
1958' FSL and 1945' FWL
NE SW Section 35, T9S-R21E
Uintah County, Utah

43-047-31996

Dear Sirs:

Enclosed is Coastal Oil & Gas Corporation's permit application package for the Natural Buttes Unit #159, Class II "D" subsurface injection control well to be used for disposal of produced water from Coastal's Natural Buttes Unit in Uintah County, Utah, Uintah and Ouray Indian Reservation.

Coastal Oil & Gas Corporation appreciates your earliest review and processing of the permit so that if the permit is approved the well can be converted before the winter sets in to the area. Should you have any questions, please do not hesitate to contact me.

Sincerely,

Lawrence T. Hartnett

Lawrence T. Hartnett, P.E.
Consultant

cc: Division of Oil, Gas & Mining-Utah, Division of State Lands
and Forestry - Utah, BLM, Uintah & Ouray Agency

COPY



Coastal Oil & Gas Corporation

UNDERGROUND
WATER DISPOSAL
APPLICATION

Natural Buttes Unit #159

NE SW
1958' FSL and 1945' FWL
Section 35, T9S-R21E
Uintah County, Utah

State Lease

API No. 43-047-31996

Natural Buttes Unit
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Natural Buttes Unit #159

List of Exhibits

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form

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

PA ID NUMBER

4




UNDERGROUND INJECTION CONTROL PERMIT APPLICATION

(Collected under the authority of the Safe Drinking Water Act, Sections 1421, 1422, 40 CFR 144)

UIC

**READ ATTACHED INSTRUCTIONS BEFORE STARTING
FOR OFFICIAL USE ONLY**

Application approved mo day year			Date Received mo day year			Permit/Well Number			Comments														
II. FACILITY NAME AND ADDRESS									III. OWNER/OPERATOR AND ADDRESS														
Facility Name NATURAL BUTTES UNIT #159									Owner/Operator Name COASTAL OIL & GAS CORPORATION														
Street Address NE SW SECTION 35, T9S - R21E									Street Address MAIL-P.O. BOX 749 DENVER, CO 80202 600 17th STREET, SUITE 800-S														
City UNITAH COUNTY						State UT		ZIP Code		City DENVER				State CO		ZIP Code 80202							
IV. OWNERSHIP STATUS (Mark 'x')									V. SIC CODES														
<input type="checkbox"/> A. Federal <input checked="" type="checkbox"/> B. State <input type="checkbox"/> C. Private									1311														
<input type="checkbox"/> D. Public <input type="checkbox"/> E. Other (Explain)																							
VI. WELL STATUS (Mark 'x')																							
<input type="checkbox"/> A. Operating			Date Started mo day year			<input checked="" type="checkbox"/> B. Modification/Conversion									<input type="checkbox"/> C. Proposed								
VII. TYPE OF PERMIT REQUESTED (Mark 'x' and specify if required)																							
<input checked="" type="checkbox"/> A. Individual						<input type="checkbox"/> B. Area			Number of Existing wells			Number of Proposed wells			Name(s) of field(s) or project(s)								
VIII. CLASS AND TYPE OF WELL (see reverse)																							
A. Class(es) (enter code(s))			B. Type(s) (enter code(s))			C. If class is "other" or type is code 'x,' explain						D. Number of wells per type (if area permit)											
II			"D"																				
IX. LOCATION OF WELL(S) OR APPROXIMATE CENTER OF FIELD OR PROJECT																		X. INDIAN LANDS (Mark 'x')					
A. Latitude			B. Longitude			Township and Range												<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No					
Deg Min Sec			Deg Min Sec			Twp Range Sec 1/4 Sec			Feet from			Line			Feet from						Line		
9S 21E 35			SW 1945			W			1958			S											
XI. ATTACHMENTS																							
(Complete the following questions on a separate sheet(s) and number accordingly; see instructions) FOR CLASSES I, II, III (and other classes) complete and submit on separate sheet(s) Attachments A — U (pp 2-6) as appropriate. Attach maps where required. List attachments by letter which are applicable and are included with your application:																							
XII. CERTIFICATION																							
I certify under the penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. (Ref. 40 CFR 144.32)																							
A. Name and Title (Type or Print) R. L. BARTLEY VICE PRESIDENT												B. Phone No. (Area Code and No.) 303-572-1121											
C. Signature 												D. Date Signed 8/10/93											

XI. ATTACHMENTS**A. AREA OF REVIEW METHODS AND NOTIFICATION OF LAND OWNERS**

The area of review is a fixed radius of one-quarter (1/4) mile from the well bore. The property owner in Section 35 is the State of Utah Division of State Lands and Forestry, 3 Triad Center #400, Salt Lake City, UT 84180-1204. The Utah Division of Oil, Gas & Mining has requested Coastal notify surface owners within 1/2 mile radius of the injection well. This would add the Bureau of Land Management, Area Manager, 170 S. 500 E., Vernal, UT 84078. See Exhibit "A". The Uintah & Ouray Agency, Ft. Duchesne, UT 84026 will also receive a copy of this permit.

See Exhibit "A1" for a copy of the correspondence to all parties.

B. MAPS OF WELLS AND AREA OF REVIEW

Topographic and well location maps are submitted as Exhibit "B1" and "B2".

C. CORRECTIVE ACTION PLAN AND WELL DATA

The only other well in the area of review which penetrated the proposed injection zone was the Natural Buttes Unit #81V. The NBU #81V is a producing gas well. A 7 7/8" hole was drilled to a TD of 7900'. 5 1/2" casing was set to 7900' and cemented with 2620 sacks of cement. The well was drilled during June and July, 1983. The well is located in the SE NW 2486' FNL and 2360' FWL of Section 35, T9S-R21E. See Exhibit "C" for completion record. This well has casing run and cemented through the injection zone and will not need any corrective action for the injection into the NBU #159.

E. NAME AND DEPTH OF USDWs

There are no known water wells within this Area of Review serving either livestock or households. The Uinta Formation above the Bird's-Nest (1600' to surface) is a possible USDW (See Technical Publication No. 92, State of Utah, Department of Natural Resources). There have not been any tests run to measure what the TDS of the Uinta is in this well. See Exhibit "E1", "E2", "E3", and "E4".

G. GEOLOGICAL DATA ON INJECTION AND CONFINING ZONES

The zone proposed to inject into is the Bird's-Nest Aquifer. The zone is approximately 230' thick from 1600'

to 1830'. This zone is part of the Parachute Creek member of the Green River Formation. The Aquifer is made up of marlstone and siltstone containing many ellipsoidal cavities. The confining zone from surface to 1600' is the Uinta Formation. The zone below from 1830 to 1925' is the Stillwater zone of the Parachute Creek member of the Green River Formation. These confining zones are made up of shale and siltstone with interbedded sand lenses. The fracture gradient of the Bird's-Nest has not been determined, so a gradient of .733 is assumed. The TDS content may range from 23,000 ppm to 65,200 ppm. (See Exhibit "G1", "G2", "G3" and "G4").

H. OPERATING DATA

1. a. Average daily injection rate - 100 BPD
b. Maximum daily injection rate - 350 BPD
c. Total volume of fluid to be injected - 400,000 BBls
2. a. Average injection pressure - 400 psi
b. Maximum injection pressure - 480 psi
3. Nature of annulus fluid - fresh water mixed with corrosion inhibitor or "packer fluid".
4. Coastal owns and operates interest in certain wells in the Natural Buttes Field. The water to be injected into the NBU #159 will come from wells in the Natural Buttes Field. A list of the source wells is in Exhibit "H".
5. A sampling of different wells in the field have had a water analysis run. See Exhibit "H1", "H2", "H3", "H4", and "H5".

J. STIMULATION PROGRAM

If surface pressure to inject exceeds allowable maximum surface injection pressure, then an acid stimulation will be designed to improve the injection of fluid into the well.

K. INJECTION PROCEDURES

The injected fluid will be delivered to the disposal site by truck. The proposed injection procedure will be with a Triplex pump down tubing into the injection zone. There will be 3-400 bbl tanks on location that will be feeding the triplex pump. There will be level controllers on the storage tanks to shut down the pump when the tanks run out of fluid. There will be a pressure controller on the pump to shut it down if it exceeds the maximum injection pressure.

L. CONSTRUCTION PROCEDURES

To improve the cement bonding of the injection zone and the zones above the injection zone, a backside squeeze job is proposed. 100 to 150 sacks of quick seal cement will be pumped down the surface casing and long string annulus until pressure is encountered. Stop pumping cement and shut in annulus for cement to set up.

M. CONSTRUCTION DETAILS

The Natural Buttes Unit #159 was drilled to a depth of 6049' with a 7 7/8 hole. 5 1/2, 17# casing was set to 6049'. Plug back depth was 6007'. The long string was cemented with 635 sacks of Hifill and 50/50 Pozmix cement. Cement top is at 1660'. See Exhibit "M5" for Bond Log. At this time there have been no squeeze jobs. The well has been perforated from 4988', 4993', 5596', 5599', 5609', 5951', and 5957' with 4" casing gun. 2 3/8 tubing was run to 4933' with no packer. The ground level elevation is 5082'. See Exhibit "M1" for original Completion Report, Exhibit "M2" for Chronological History, and Exhibit "M3" for present well schematic. To set the well up to be an injection well the following work will be done. Set retainer at 4790'. Cement squeeze Wasatch perforations 4988' to 5957' through retainer with 250 sacks class "G" cement. Maximum allowable pressure is 1500 psi. Unstring from retainer and dump any excess cement on top of retainer (minimum of 10 sacks). Set bridge plug at 2500' and place 5 sacks of cement on top of plug. Do surface backside squeeze as set up in Construction Procedure. Perforate Bird's-Nest from 1600' to 1830' with 4" casing gun. Run tubing and packer to 1550'. Circulate packer fluid on tubing annulus. Set packer. Run MIT test on tubing annulus. Set well up to inject produced water. See Exhibit "M4" for injection well schematic.

O. PLANS FOR WELL FAILURES

In the event that the well is shut-in, whether manually or automatically, Coastal will take the following steps.

1. Determine the nature and extent of the failure causing the shut in.
2. In the event that the well can not continue to operate as stipulated by the UIC Permit, the well will be shut-in temporarily, unless permission is obtained from the EPA to continue.

3. An EPA representative will be contacted to discuss the reason for the failure and further steps to be taken.
4. If shut-in is imminent, the following step will be taken:
 - a. Divert produced water intended for the NBU #159 well to other authorized facilities.

P. MONITORING PROGRAM

Coastal will monitor water quality of the injected fluids on an annual basis. Analysis will include total dissolved solids, PH, specific conductivity and specific gravity. Any time there is a change in the source of injection fluid, a new water quality analysis will be done and submitted to EPA.

Q. PLUGGING AND ABANDONMENT PLAN

The plugging and abandonment plan for this well includes cement in the 5 1/2-inch casing to assure protection of all USDWs and retention of fluids in formations in which they are contained in the event that after abandonment casing should fail at some point.

The specific plans are as follows:

Plug #1 Within the casing, set a cement retainer above the perforations at 1580' and squeeze with 250 sacks class "G" cement. Unsting from retainer and dump any excess cement on top of retainer (Minimum of 10 sxs).

Plug #2 Place plug at 300'. Cement to surface with 30 sacks class "G" cement filling the 5 1/2" casing.

See Exhibit "Q1" for EPA form 7520-14.

See Exhibit "Q2" for Plugging and Abandonment Schematic.

R. NECESSARY RESOURCES

Coastal has a Financial Responsibility letter on file with the EPA. This well is to be added to that responsibility.

S. AQUIFER EXEMPTIONS

The water in the Bird's- Nest Formation is expected to have total dissolved solid in excess of 10,000 parts per million; therefore no exemption of that reservoir will be necessary.

U. DESCRIPTION OF BUSINESS

Coastal is an exploration and production company of hydrocarbons.

EXHIBIT "A"

SURFACE OWNERSHIP
COASTAL OIL & GAS CORPORATION

R21E

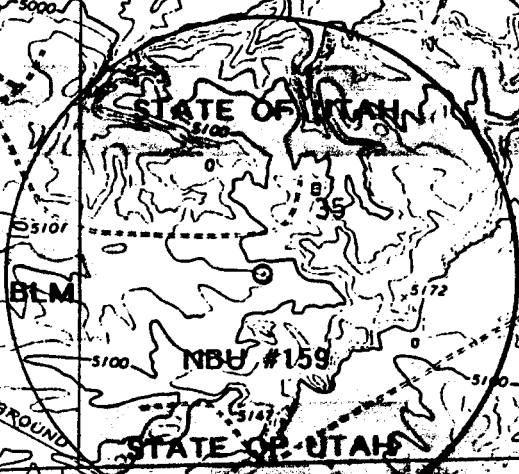
NATURAL BUTTES UNIT #159

T9S

T10S

R21E

PAGE 1



1/2 MILE RADIUS

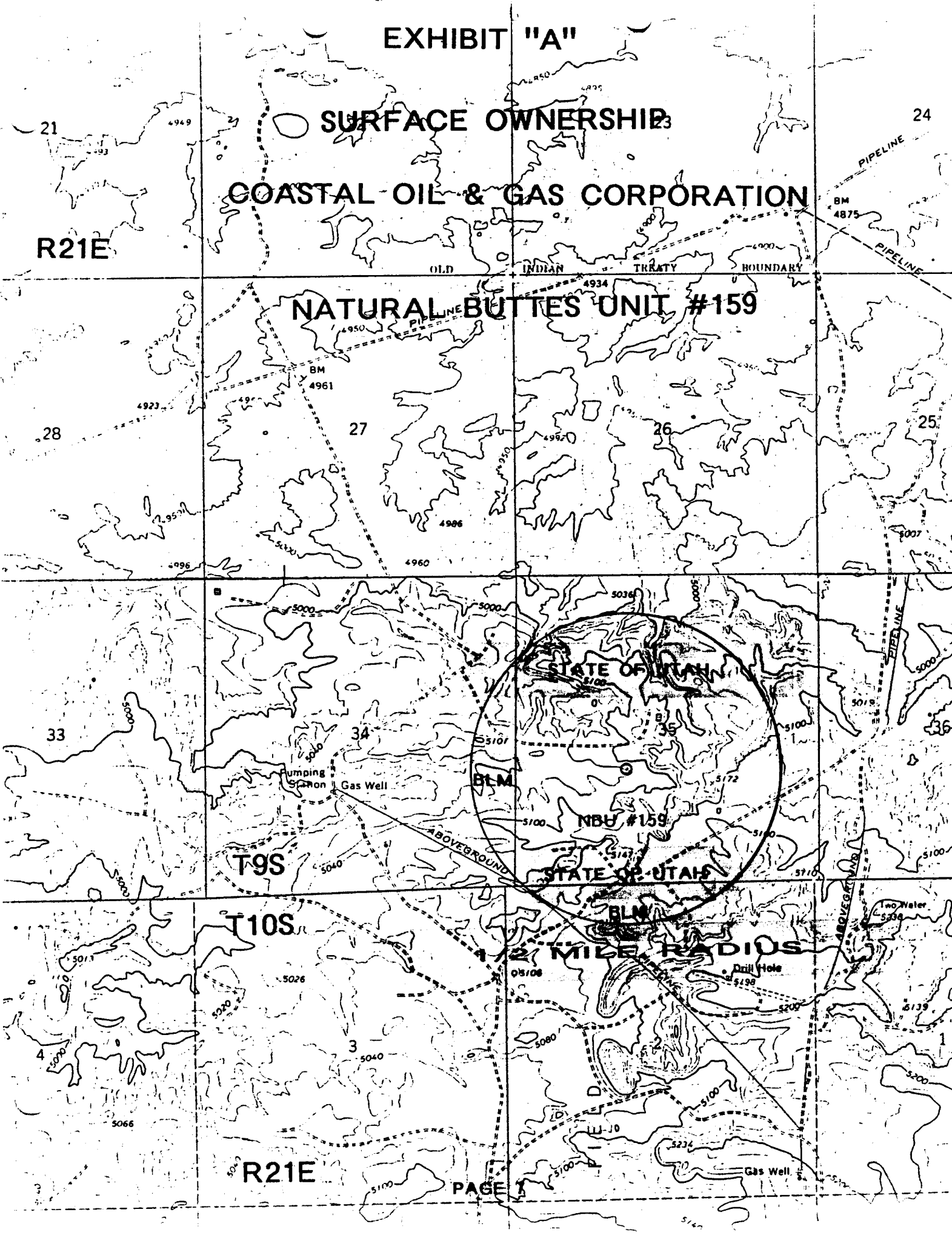


EXHIBIT "A1"

LAWRENCE T. HARTNETT, P.E.

Petroleum Engineer
P.O. Box 140519
Edgewater, Colorado 80214-0519
HOME: (303) 238-2342 FAX: (303) 238-3816

August 5, 1993

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Bureau of Land Management
Area Manager
170 S. 500 E.
Vernal, UT 84078

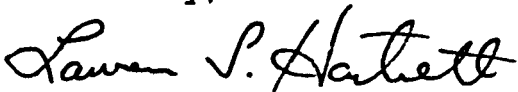
RE: Notice of Permit Application for Water Disposal Well. Coastal
Oil & Gas Natural Buttes Unit #159. NE SW Section 35, T9S-
R21E. Uintah County, Utah.

Dear Sirs,

This letter is to advise you that Coastal Oil and Gas Corporation
is requesting approval from the U.S. Environmental Protection
Agency to inject water produced from the Natural Buttes Unit into
the Natural Buttes Unit #159.

You are herein provided with a copy of the submitted permit for
this well. Should you have any questions or comments please do not
hesitate to contact me or the U.S. Environmental Protection Agency.

Sincerely,



Lawrence T. Hartnett, P.E.
Consultant

EXHIBIT "A1"

LAWRENCE T. HARTNETT, P.E.

Petroleum Engineer
P.O. Box 140519
Edgewater, Colorado 80214-0519
HOME: (303) 238-2342 FAX: (303) 238-3816

August 5, 1993

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Unitah & Ouray Agency
Ft. Duchesne, UT 84026

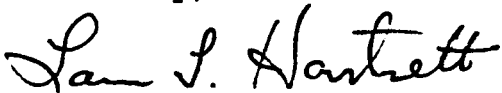
RE: Notice of Permit Application for Water Disposal Well. Coastal Oil & Gas Natural Buttes Unit #159. NE SW Section 35, T9S-R21E. Uintah County, Utah.

Dear Sirs,

This letter is to advise you that Coastal Oil and Gas Corporation is requesting approval from the U.S. Environmental Protection Agency to inject water produced from the Natural Buttes Unit into the Natural Buttes Unit #159.

You are herein provided with a copy of the submitted permit for this well. Should you have any questions or comments please do not hesitate to contact me or the U.S. Environmental Protection Agency.

Sincerely,



Lawrence T. Hartnett, P.E.
Consultant

EXHIBIT "A1"

LAWRENCE T. HARTNETT, P.E.

Petroleum Engineer
P.O. Box 140519
Edgewater, Colorado 80214-0519
HOME: (303) 238-2342 FAX: (303) 238-3816

August 5, 1993

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

State of Utah
Division of State Lands and Forestry
3 Triad Center #400
Salt Lake City, UT 84180-1204

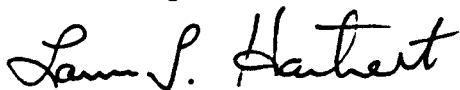
RE: Notice of Permit Application for Water Disposal Well. Coastal
Oil & Gas Natural Buttes Unit #159. NE SW Section 35, T9S-
R21E. Uintah County, Utah.

Dear Sirs,

This letter is to advise you that Coastal Oil and Gas Corporation is requesting approval from the U.S. Environmental Protection Agency to inject water produced from the Natural Buttes Unit into the Natural Buttes Unit #159.

You are herein provided with a copy of the submitted permit for this well. Should you have any questions or comments please do not hesitate to contact me or the U.S. Environmental Protection Agency.

Sincerely,



Lawrence T. Hartnett, P.E.
Consultant

EXHIBIT "B1"

COASTAL OIL & GAS CORPORATION

NATURAL BUTTES UNIT #159

AREA OF REVIEW - 1/4 MILE

NBU #159

1 MILE RADIUS

R21E

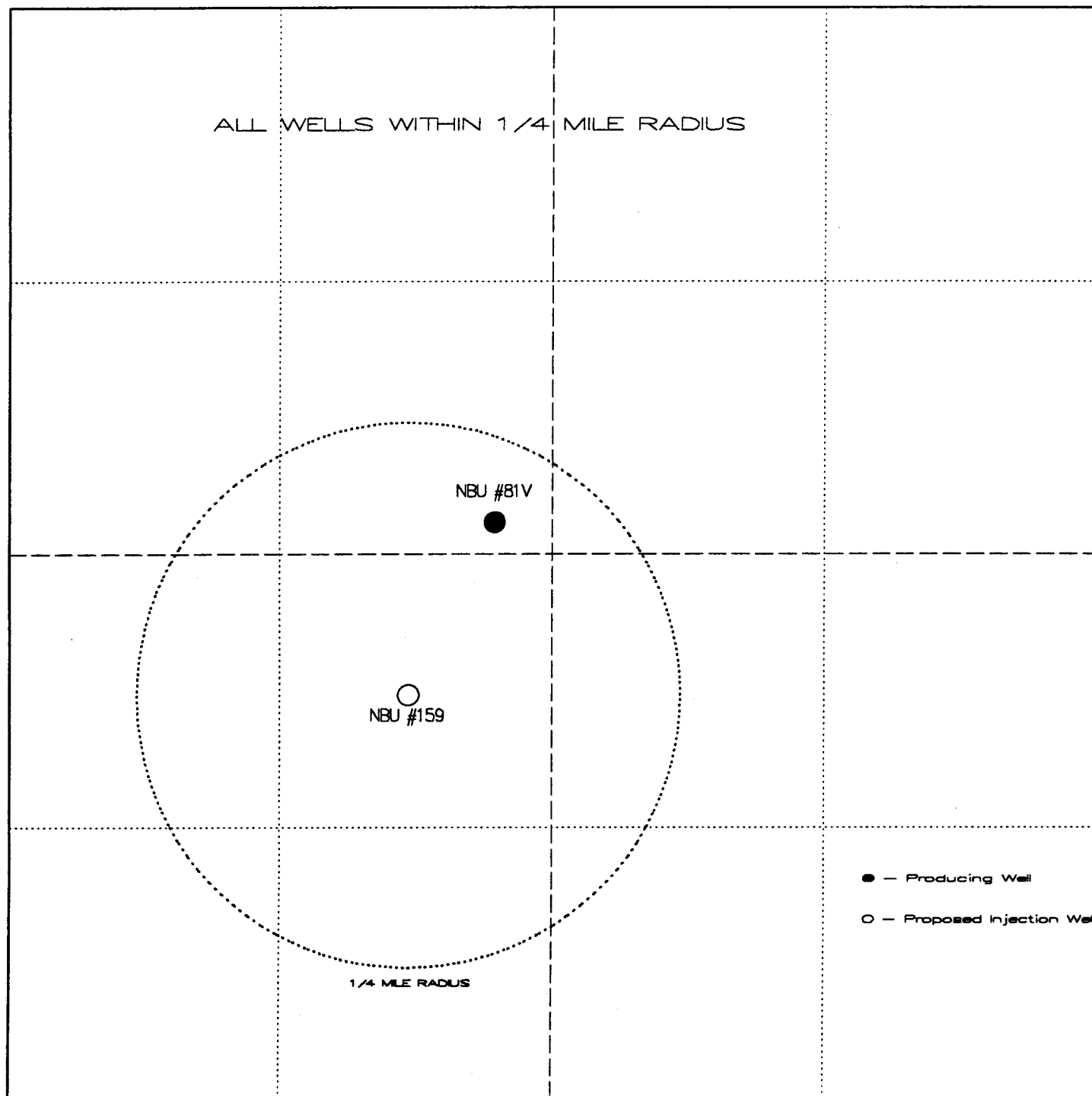
T9S

T10S

R21E

COASTAL OIL & GAS CORPORATION

SECTION 35, T9S — R21E



NATURAL BUTTES UNIT #159

1945' FWL 1958' FSL NE SW SEC. 35, T9S—R21E

UINTAH COUNTY, UTAH

EXHIBIT "C"

SUBMIT IN DUPLICATE*

STATE OF UTAH

(See other instructions on reverse side)

OIL & GAS CONSERVATION COMMISSION

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> Other _____				5. LEASE DESIGNATION AND SERIAL NO. U-01194-ST	
b. TYPE OF COMPLETION: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. REVR. <input type="checkbox"/> Other _____				6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A	
2. NAME OF OPERATOR COASTAL OIL & GAS CORPORATION				7. UNIT AGREEMENT NAME NATURAL BUTTES UNIT	
3. ADDRESS OF OPERATOR P. O. BOX 749, DENVER, CO 80201				8. FARM OR LEASE NAME NATURAL BUTTES UNIT	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 2486' FNL & 2360' FWL (SW-NW) SE NW At top prod. interval reported below SAME At total depth SAME				9. WELL NO. NATURAL BUTTES #81	
14. PERMIT NO. 43-047-31232				10. FIELD AND POOL, OR WILDCAT NATURAL BUTTES FIELD	
DATE ISSUED 6-7-82				11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA SECTION 35-T9S-R21E	
13. DATE SPUDDED 6-17-83		16. DATE T.D. REACHED 7-26-83		12. COUNTY OR PARISH UINTAH	
17. DATE COMPL. (Ready to prod.) 8-14-83		18. ELEVATIONS (DV, HEB, RT, GR, ETC.)* 5125' UnGr		13. STATE UTAH	
20. TOTAL DEPTH, MD & TVD 7900'		21. PLUG BACK T.D., MD & TVD 7830'		19. ELEV. CASINGHEAD -	
22. IF MULTIPLE COMPL., HOW MANY? NS		23. INTERVALS DRILLED BY 0-TD		20. ROTARY TOOLS -	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 7662' - 7786' MESAVERDE				21. CABLE TOOLS -	
25. TYPE ELECTRIC AND OTHER LOGS RUN DIL- FDC/CNL				22. WAS DIRECTIONAL SURVEY MADE -	
26. TYPE ELECTRIC AND OTHER LOGS RUN DIL- FDC/CNL				23. WAS WELL COARED NO	
29. CASING RECORD (Report all strings set in well)					
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)	
9-5/8"		47#		228'	
5-1/2"		17#		7900'	
HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED	
12-1/4"		125 SX			
7-7/8"		2620 SX			
30. LINER RECORD					
SIZE		TOP (MD)		BOTTOM (MD)	
2-3/8"		7451'			
31. TUBING RECORD					
SIZE		DEPTH SET (MD)		PACKER SET (MD)	
2-3/8"		7451'			
32. PERFORATION RECORD (Interval, size and number) 3-1/8" CSG. GUN AS FOLLOWS: 7662' 7675' 7786' 7664' 7779' 7667' 7784' TOTAL: 7 HOLES					
33. ACID, SHOT, FRACTURE CEMENT SQUEEZE, ETC. DEPTH INTERVAL (MD) 7662' - 7786' AMOUNT AND KIND OF MATERIAL USED BREAKDOWN W/200 GAL. KCl-WTR FRAC W/20,000 GAL GEL & 50,000 LBS. 20/40 SAND 32,200					
34. PRODUCTION 7 1/2% HCL & 1400 Gal KCl water.					
DATE FIRST PRODUCTION 8-14-83		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) FLOWING		WELL STATUS (Producing or shut-in) SI WOPLC	
DATE OF TEST 8-14-83		HOURS TESTED 24		CHOKER SIZE 18/64"	
PROD'N. FOR TEST PERIOD 0		OIL—BSL. 0		GAS—MCP. 450	
WATER—BSL. 0		GAS—OIL RATIO -			
FLOW. TURNING PRESS. 250		CASING PRESSURE 600		CALCULATED 24-HOUR RATE 0	
OIL—BSL. 0		GAS—MCP. 450		WATER—BSL. 0	
OIL GRAVITY-API (CORR.) -					
35. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) VENTED				TEST WITNESSED BY GEORGE TURNER	
36. LIST OF ATTACHMENTS NONE					
37. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records					
SIGNED W. J. GOODEN		TITLE PRODUCTION ENGINEER		DATE AUGUST 22, 1983	

*(See Instructions and Spaces for Additional Data on Reverse Side)

SP		
-118[+		
GAMMA		
0	API	150

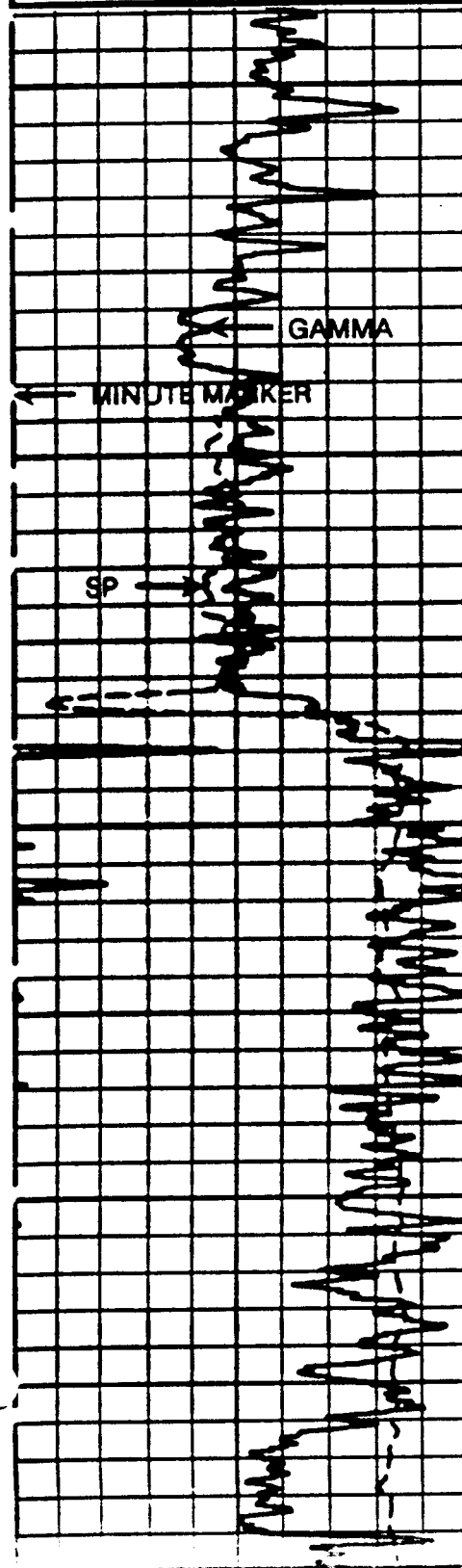


EXHIBIT "E1" DEEP COND

400	MMHO	
LL DEEP	TENSION	
0	OHM-M	100 10000
		POUNDS
NBU #159 DUAL LATEROLOG		

100

200

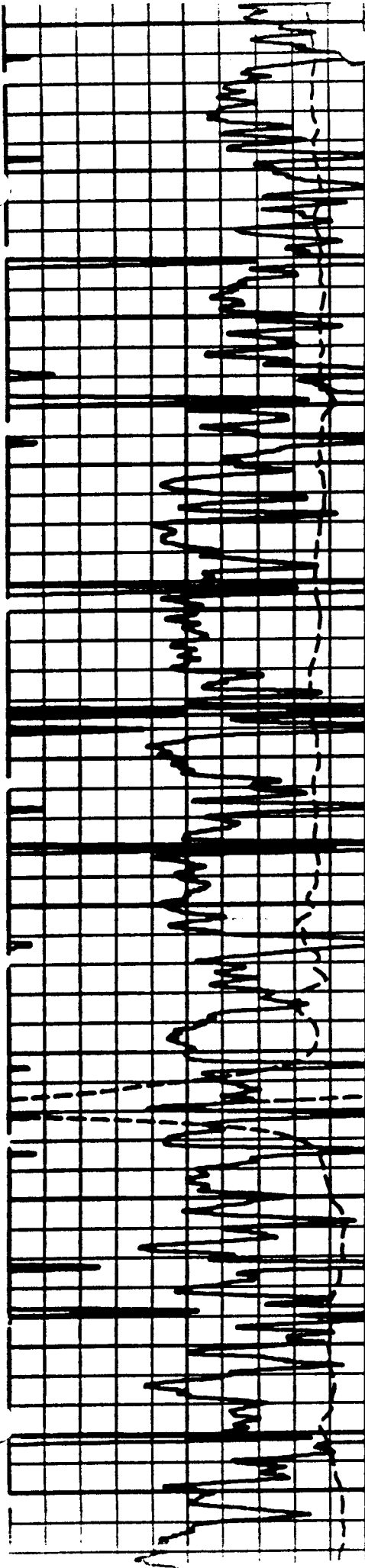
300

400

LINE TENSION

DEEP LATEROLOG

CONDUCTIVITY



500

600

700

800

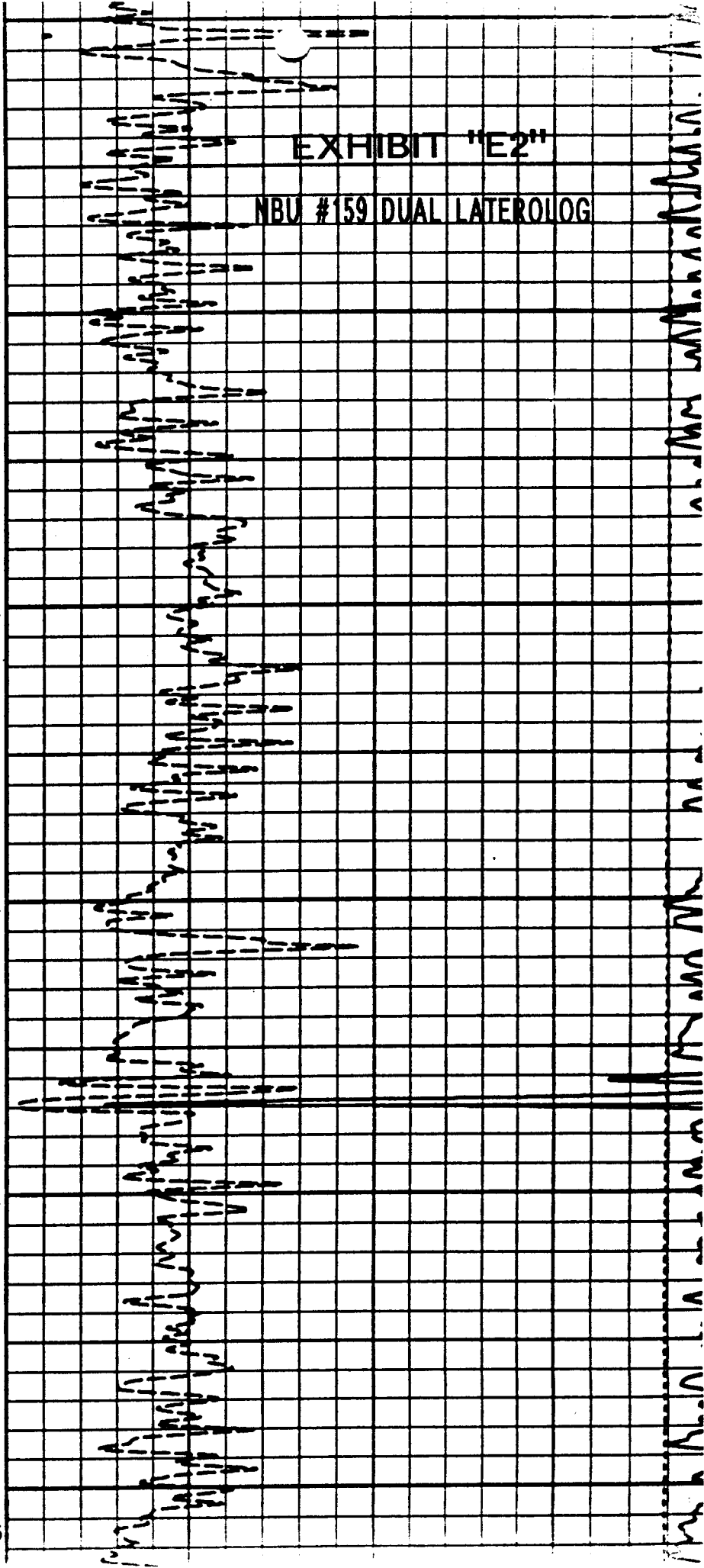
900

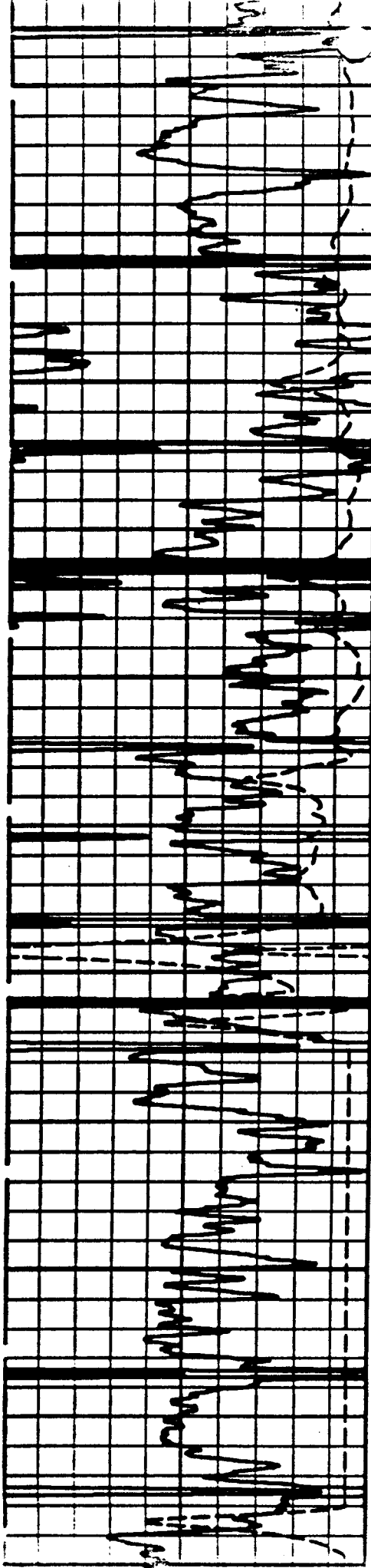
1000

PAGE 15

EXHIBIT "E2"

NBU #159 DUAL LATEROLOG





1000

EXHIBIT "E3"

NBU #159 DUAL LATEROLOG

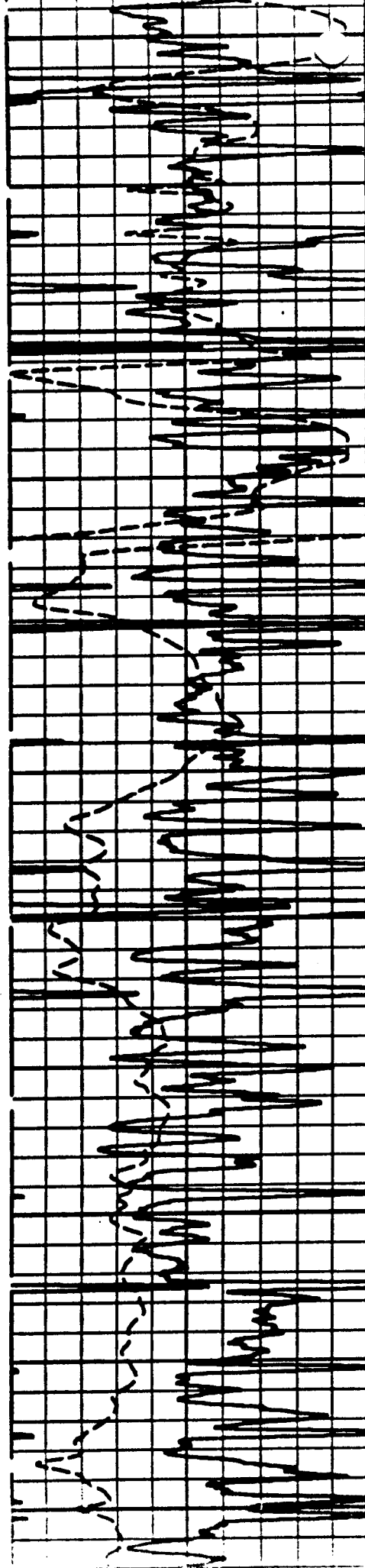
1100

1200

1300

1400

1500



1500

EXHIBIT "E4"

NBU #159 DUAL LATERAL LOG

1600

1700

LBN

1800

1900

2000

EXHIBIT "G1"

ERGREEN ANALYTICAL, INC.
4036 Youngfield St. Wheat Ridge, CO 80033
(303)425-6021

Miscellaneous Analyses

Date Sampled : 6/12/93
Date Received : 6/23/93
Client Sample ID.: NBU UINTAH
Lab Sample No. : X72532

Client Project ID. : NBU UIC
Lab Project No. : INJECTION PROJ
Matrix : 93-2120
: Liquid phase

<u>Analysis</u>	<u>Result</u>	<u>Date Prepared</u>	<u>Date Analyzed</u>	<u>Method</u>
pH	7.84	6/23/93	6/23/93	EPA 150.1
Total Dissolved Solids (mg/L)	65200 (6.5%)	6/28/93	6/28/93	EPA 160.1
Specific Gravity @ 60°F	1.0451	6/29/93	6/29/93	ASTM D1217



Analyst



Approved

2120m1.16

EXHIBIT "G2"

EVERGREEN ANALYTICAL, INC.
4036 Youngfield St. Wheat Ridge, CO 80033
(303) 425-6021

INORGANIC ANALYSIS DATA SHEET

Date Sampled :6/12/93
Date Received:6/23/93
Date Prepared:6/24/93
Date Analyzed:6/29/93

NBU UIC
Client Project :INJECTION PROJ.
Lab Project No.:93-2120
Method :600/4-79-020
Matrix :Water

Units: mg/L

Basis: Dissolved Metals

Client
Sample# NBU Uintah

Evergreen
Sample# X72532

Detection
Limits

Ca	26
K	95
Mg	12
Na	23000

0.1
1.5
0.02
0.3

DC
Analyst

WKL
Approved

EVERGREEN ANALYTICAL, INC.
4036 Youngfield Street Wheat Ridge, CO 80033
(303) 425-6021

Anions

Date Sampled : 6/12/93
Date Received : 6/23/93
Date Prepared : 6/23/93
Date Analyzed : 6/23/93

Client Project ID : NBU UIC INJECTION PROJ
Lab Project No. : 93-2120
Method : EPA Method 300.0

Client Sample ID

Evergreen Sample #

Matrix

Chloride (mg/L)

Nitrite-N (mg/L)*

Sulfate (mg/L)

NBU
UINTAH

X72532
Liquid
Waste


42800(4.3%)

<38.0

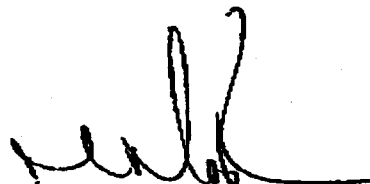
3.13

Post-It® brand for transmittal memo 7571	
To: <u>For Steve</u>	From: <u>Carol Hunt</u>
cc: <u>Carol</u>	cc: <u>7/6/93</u>
Dept:	Phone #
Fax # <u>573-4477</u>	Fax #

* Sample received after holding time expired. Detection limit raised due to matrix interference.



Analyst



Approved

2110ml.24

EXHIBIT "G3"

EXHIBIT "G4"

GAL/TON CORE SAMPLES

GAMMA-GAMMA
DENSITY LOG

700 -

0 20 40 60 80

DEPTH

800 -

900 -

1000 -

1100 -

1200 -

1300 -

1400 -

1500 -

SHELL COREHOLE

SW SW SEC. 34, T9S-R21E

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

UPPER BIRD'S-NEST
AQUIFER ZONE
(Western Extent Unknown)

?



?



NaHCO₃
Or Vugs
On Caliper
Log

Water at
1667'
High Rate
TDS 23,000 PM1600

162.7

1700

NATURAL BUTTES FIELD

MASTER WELL LIST
JUNE 1993

WELL NAME

1 CIGE 004
2 CIGE 005
3 CIGE 006
4 CIGE 007
5 CIGE 008
6 CIGE 009
7 CIGE 010
8 CIGE 013
9 CIGE 014
10 CIGE 018
11 CIGE 019
12 CIGE 020
13 CIGE 022
14 CIGE 023
15 CIGE 024
16 CIGE 034
17 CIGE 042
18 CIGE 043
19 CIGE 044
20 CIGE 045
21 CIGE 046
22 CIGE 047
23 CIGE 048
24 CIGE 052
25 CIGE 053
26 CIGE 055
27 CIGE 058
28 CIGE 059
29 CIGE 060
30 CIGE 025
31 CIGE 027
32 CIGE 028
33 CIGE 030
34 CIGE 031
35 CIGE 035
36 CIGE 036D
37 CIGE 037D
38 CIGE 038
39 CIGE 040
40 CIGE 051D
41 CIGE 054D
42 CIGE 056
43 CIGE 057
44 CIGE 061
45 CIGE 062D

WELL NAME

46 CIGE 063D
47 CIGE 064D
48 CIGE 065
49 CIGE 066
50 CIGE 067A
51 CIGE 068D
52 CIGE 070
53 CIGE 071
54 CIGE 072
55 CIGE 073D
56 CIGE 074D
57 CIGE 075D
58 CIGE 076D
59 CIGE 077D
60 CIGE 078C
61 CIGE 079D
62 CIGE 080D
63 CIGE 081D
64 CIGE 086D
65 CIGE 087D
66 CIGE 088D
67 CIGE 089D
68 CIGE 091D
69 CIGE 092D
70 CIGE 093D
71 CIGE 094D
72 CIGE 095D
73 CIGE 096D
74 CIGE 097D
75 CIGE 098D
76 CIGE 099D
77 CIGE 100D
78 CIGE 101D
79 CIGE 102D
80 CIGE 103D
81 CIGE 105D
82 CIGE 106D
83 CIGE 107D
84 CIGE 108D
85 CIGE 109D
86 CIGE 110D
87 CIGE 111D
88 CIGE 112D
89 CIGE 113D
90 CIGE 114D

WELL NAME

91 CIGE 115D
92 CIGE 116D
93 CIGE 117D
94 CIGE 118
95 CIGE 119D
96 CIGE 120D
97 CIGE 121D
98 CIGE 122D
99 CIGE 123D
100 CIGE 124D
101 CIGE 125D
102 CIGE 127
103 CIGE 129D
104 CIGE 130D
105 CIGE 131D
106 CIGE 133
107 CIGE 134D
108 CIGE 135D
109 CIGE 136D
110 CIGE 137
111 CIGE 138A
112 CIGE 139D
113 CIGE 140D
114 CIGE 141D
115 CIGE 142
116 CIGE 143
117 CIGE 144
118 CIGE 145
119 CIGE 146
120 CIGE 147
121 CIGE 148
122 CIGE 149
123 CIGE 150
124 CIGE 151
125 CIGE 152
126 CIGE 153
127 CIGE 154
128 CIGE 155
129 CIGE 157
130 CIGE 158
131 CIGE 159
132 CIGE 160
133 CIGE 161
134 CIGE 162
135 CIGE 163

WELL NAME

136 CIGE 164
 137 CIGE 165
 138 CIGE 166
 139 CIGE 167
 140 CIGE 168
 141 CIGE 172
 142 CIGE 173
 143 CIGE 174
 144 CIGE 177
 145 CIGE 178
 146 COGC 2-22-9-20
 147 NBU 004
 148 NBU 006
 149 NBU 015W
 150 NBU 016
 151 NBU 018
 152 NBU 020
 153 NBU 026
 154 UTE TRAIL 83X
 155 UTE TRAIL 88X
 156 NBU 023N
 157 NBU 039N
 158 NBU 046N
 159 NBU 053N
 160 NBU 054N
 161 NBU 057N
 162 NBU 037X-P
 163 NBU 041J
 164 NBU 042
 165 NBU 049V
 166 NBU 051J
 167 NBU 052J
 168 NBU 060
 169 NBU 067
 170 NBU 078E
 171 NBU 080V
 172 NBU 081V
 173 NBU 083J
 174 NBU 084V
 175 NBU 085J
 176 NBU 086J
 177 NBU 087J
 178 NBU 088V
 179 NBU 093 E
 180 NBU 097 E
 181 NBU 099 E
 182 NBU 101 E
 183 NBU 102 E
 184 NBU 108
 185 NBU 113

WELL NAME

186 NBU 117
 187 NBU 126
 188 NBU 154
 189 NBU 155
 190 NBU 157
 191 NBU 159
 192 NBU 162
 193 NBU 164
 194 NBU 165
 195 NBU 166
 196 NBU 168
 197 NBU 170
 198 NBU 172
 199 NBU 173
 200 NBU 174
 201 NBU 183
 202 NBU 200
 203 NBU 201
 204 NBU 208
 205 NBU 103
 206 NBU 104
 207 NBU 105
 208 NBU 106
 209 NBU 107
 210 NBU 109
 211 NBU 110
 212 NBU 111
 213 NBU 112
 214 NBU 114
 215 NBU 115
 216 NBU 116
 217 NBU 118
 218 NBU 119
 219 NBU 120
 220 NBU 121
 221 NBU 122
 222 NBU 123
 223 NBU 124
 224 NBU 125
 225 NBU 127
 226 NBU 128
 227 NBU 129
 228 NBU 130
 229 NBU 131
 230 NBU 132
 231 NBU 133
 232 NBU 134
 233 NBU 136
 234 NBU 137
 235 NBU 138A

WELL NAME

236 NBU 139
 237 NBU 140
 238 NBU 141
 239 NBU 142
 240 NBU 143
 241 NBU 144
 242 NBU 145
 243 NBU 146
 244 NBU 147
 245 NBU 148
 246 NBU 149
 247 NBU 150
 248 NBU 151
 249 NBU 152
 250 NBU 153
 251 NBU 156
 252 NBU 158
 253 NBU 161
 254 NBU 163
 255 NBU 167
 256 NBU 169
 257 NBU 171
 258 NBU 175
 259 NBU 176
 260 NBU 180
 261 NBU 181
 262 NBU 182
 263 NBU 184
 264 NBU 185
 265 NBU 186
 266 NBU 187
 267 NBU 188
 268 NBU 189
 269 NBU 190
 270 NBU 191
 271 NBU 192
 272 NBU 193
 273 NBU 194
 274 NBU 195
 275 NBU 198
 276 NBU 199
 277 NBU 202
 278 NBU 204
 279 NBU 205
 280 NBU 206
 281 NBU 207
 282 NBU 209
 283 NBU 210
 284 NBU 211
 285 NBU 212

WELL LIST

286 NBU 213
287 NBU 312-2E
288 NBU 032Y
289 NBU 035Y
290 NBU 036Y
291 NBU 177
292 NBU 178
293 NBU 47N2
294 NBU 48N3
295 NBU 50N2
296 NBU 56N2
297 NBU 63M3
298 NBU 64N3
299 NBU 65N3
300 NBU 68N2
301 NBU 69N2
302 NBU 70N3
303 NBU 72N3
304 NBU 74N3

1435 South 1200 East
Vernal, Utah 84078
Phone (801) 789-9590

COMPANY: Coastal Oil & Gas

REPORT DATE: 8/31/91

ADDRESS: _____

COUNTY: Uintah

FIELD: Natural Buttes

ATTENTION: Paul Breshears

FORMATION: _____

DATE SAMPLED: 8/30/91

LEASE: _____

WELL: NB 6 NBU 006

WATER ANALYSIS

SPECIFIC GRAVITY: 1.010

pH: 7.0

CHLORIDE: 4,500 ppm

CALCIUM: 500 ppm

BICARBONATE: 500 ppm

MAGNESIUM: 100 ppm

SULFIDE: n/a

TOTAL IRON: 3 ppm

SULFATE: 300 ppm

SODIUM: 140 ppm

TOTAL HARDNESS:
(AS CaCO₃) 750 ppm

TOTAL DISSOLVED
SOLIDS: 177 ppm

RESISTIVITY: .01

OHM METERS @: 75° F

POTASSIUM: 125 ppm

SAMPLE SOURCE: pit water

REMARKS: _____

SMITH REPRESENTATIVE: Mike Hill

1435 South 1200 East
Vernal, Utah 84078
Phone (801) 789-9590

COMPANY: Coastal Oil & Gas

REPORT DATE: 8/31/91

ADDRESS: _____

COUNTY: Uintah

ATTENTION: _____

FIELD: Natural Buttes

DATE SAMPLED: _____

FORMATION: _____

LEASE: _____

WELL: CIGE 43

WATER ANALYSIS

SPECIFIC GRAVITY: 1.020

pH: 7.0

CHLORIDE: 11,000 ppm

CALCIUM: 600 ppm

BICARBONATE: 1,100 ppm

MAGNESIUM: 100 ppm

SULFIDE: n/a

TOTAL IRON: 0 ppm

SULFATE: 900 ppm

SODIUM: 400 ppm

TOTAL HARDNESS:
(AS CaCO₃) 1000 ppm

TOTAL DISSOLVED
SOLIDS: 14,225 ppm

RESISTIVITY: n/a

OHM METERS @: _____

POTASSIUM: 125 ppm

SAMPLE SOURCE: pit water

REMARKS: _____

SMITH REPRESENTATIVE: Mike Hill

EXHIBIT "H3"
JOHN C. KEPHART & CO.
GRAND JUNCTION LABORATORIES

438 NORTH AVENUE

PHONE 242-7518

GRAND JUNCTION, COLORADO 81501

ANALYTICAL REPORT

Received from:

Coastal Oil and Gas, Dave Dillon
Vernal, UT 84078

Customer No. Laboratory No. 2741 Sample water

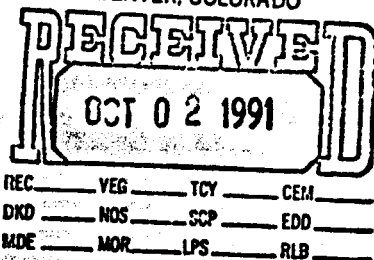
Date Received 9/5/91 Date Reported 9/24/91

Lab number
Sample ID

2741
C 14 CIGE 014

Sodium(Na)	10400 mg/l
Calcium(Ca)	640 mg/l
Magnesium(Mg)	127 mg/l
Potassium(K)	306 mg/l
Chloride(Cl)	18500 mg/l
Sulfate(SO4)	356 mg/l
Phenol. Alkalinity(CaCO3)	0 mg/l
Total Alkalinity(CaCO3)	452 mg/l
Dissolved Solids	30500 mg/l
Specific Gravity	1.024
pH	7.4
Conductivity@25 deg. C	41500 umhos/cm
Resistivity@25C	0.241 ohm-m
Bicarbonate	547 mg/l
Carbonate	0 mg/l
Total Iron(Fe)	151 mg/l
Petroleum Hydrocarbons	983 mg/l

DRLG. & PRODUCTION DEPARTMENT
DENVER, COLORADO



Lab Dir.: Brian S. Bauer

EXHIBIT "H4"

JOHN C. KEPHART & CO.

GRAND JUNCTION LABORATORIES

438 NORTH AVENUE

PHONE 242-7818

GRAND JUNCTION, COLORADO 81501

ANALYTICAL REPORT

Received from: Coastal Oil and Gas, Dave Dillon
Vernal, UT 84078

Customer No. _____ Laboratory No. 2742 Sample water

Date Received 9/5/91 Date Reported 9/24/91

Lab number 2742
Sample ID NB 84 B NBU 084V

Sodium(Na)	5580 mg/l
Calcium(Ca)	78 mg/l
Magnesium(Mg)	40 mg/l
Potassium(K)	528 mg/l
Chloride(Cl)	8500 mg/l
Sulfate(SO4)	248 mg/l
Phenol. Alkalinity(CaCO3)	0 mg/l
Total Alkalinity(CaCO3)	893 mg/l
Dissolved Solids	16000 mg/l
Specific Gravity	1.01
pH	7.4
Conductivity@25 deg. C	21600 umhos/cm
Resistivity@25C	0.463 ohm-m
Bicarbonate	1080 mg/l
Carbonate	0 mg/l
Total Iron(Fe)	0.63 mg/l
Petroleum Hydrocarbons	17.3 mg/l

EXHIBIT "H5"

JOHN C. KEPHART & CO.

GRAND JUNCTION LABORATORIES

435 NORTH AVENUE

PHONE 242-7618

GRAND JUNCTION, COLORADO 81501

ANALYTICAL REPORT

Received from: Coastal Oil and Gas, Dave Dillon
Vernal, UT 84078

Customer No. _____ Laboratory No. 2743 Sample water

Date Received 9/5/91 Date Reported 9/24/91

Lab number 2743
Sample ID NB 99 NBU 099 E

Sodium(Na)	6580 mg/l
Calcium(Ca)	144 mg/l
Magnesium(Mg)	60 mg/l
Potassium(K)	524 mg/l
Chloride(Cl)	9900 mg/l
Sulfate(SO4)	455 mg/l
Phenol. Alkalinity(CaCO3)	0 mg/l
Total Alkalinity(CaCO3)	736 mg/l
Dissolved Solids	19000 mg/l
Specific Gravity	1.015
pH	7.5
Conductivity@25 deg. C	26400 umhos/cm
Resistivity@25C	0.379 ohm-m
Bicarbonate	891 mg/l
Carbonate	0 mg/l
Total Iron(Fe)	0.16 mg/l
Petroleum Hydrocarbons	3.12 mg/l

EXHIBIT "M1"

FORM 8

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1. TYPE OF WELL: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DEW <input type="checkbox"/> Other _____ 2. TYPE OF COMPLETION: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> Other _____						3. LEASE DESIGNATION AND SERIAL NO. State U-01194									
2. NAME OF OPERATOR Coastal Oil & Gas Corporation						6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A									
3. ADDRESS OF OPERATOR P. O. Box 749 Denver, CO 80201-0749 (303) 573-4476						7. UNIT AGREEMENT NAME Natural Buttes Unit									
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface 1958' FSL & 1945' FWL (NE/SW) At top prod. interval reported below Same as above. At total depth Same as above.						8. FARM OR LEASE NAME NBU									
19. API NO. 43-047-31996						9. WELL NO. 159									
DATE ISSUED 4/3/91						10. FIELD AND POOL OR WILDCAT Natural Buttes									
12. COUNTY Uintah						11. SEC., T., R. M., OR BLOCK AND SURVEY OR AREA Section 35, T9S-R21E									
13. DATE SPUNDED 7/10/91						14. DATE T.D. REACHED 7/30/91									
15. DATE COMPL. (Ready to prod.) 8/9/91 (Plug & Abdl.)						16. ELEVATIONS (DF, AKR, ST, CR, ETC.) 5032' GR, 5094' KB									
17. TOTAL DEPTH, MD & TVD 6049'						18. ELEV. CASINGHEAD 6007'									
19. IF MULTIPLE COMPL. HOW MANY 23						20. INTERVALS DRILLED BY SFC-TD									
21. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD) 4988'-5957' Wasatch						22. WAS DIRECTIONAL SURVEY MADE No									
23. TYPE ELECTRIC AND OTHER LOGS RUN DEN-Neutron-GR-DLL-Caliper, CBL-GR						24. WAS WELL CORED YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> (Submit core logs) DRILL STEM TEST YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> (See resource table)									
25. CASING RECORD (Report all strings set in well)															
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	MOLE SIZE	CEMENTING RECORD	AMOUNT PULLED										
8-5/8"	24#	275'	12-1/4"	150 sx Prem Type V + Add.	None										
5-1/2"	17#	6049'	7-7/8"	635 sx HiFill & 50/50 Poz	None										
26. LINER RECORD															
SIZE	TOP (MD)	BOTTOM (MD)	JACKS CEMENT	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)								
27. PERFORATION RECORD (Interval, size and number) Perf'd w/4" csg gun @ following depths: 4988' 5599' 5957' 4993' 5609' 5596' 5951'				28. ACID, SHOT, FRACTURE CEMENT SQUEEZE, ETC. <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>DEPTH INTERVAL (MD)</th> <th>AMOUNT AND KIND OF MATERIAL USED</th> </tr> <tr> <td>4988'-5957'</td> <td>4000 gals 3% KCl & 14 BS's</td> </tr> <tr> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> </tr> </table>				DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED	4988'-5957'	4000 gals 3% KCl & 14 BS's				
DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED														
4988'-5957'	4000 gals 3% KCl & 14 BS's														
29. PRODUCTION															
DATE FIRST PRODUCTION 8/8/91		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing				WELL STATUS (Producing or shut-in) SI									
DATE OF TEST 8/9/91	BOARDS TESTED 24	CHOKE SIZE 20/64"	PROD'R. FOR TEST PERIOD 0	OIL—BSL. 130	GAS—MCF. 0	WATER—BSL. 0	GAS-OIL RATIO N/A								
FLOW. TUBING PRESS. 40	CASING PRESSURE 750	CALCULATED 24-HOUR RATE 0	OIL—BSL. 130	GAS—MCF. 0	WATER—BSL. 0	OIL GRAVITY-API (CORR.) N/A									
30. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) SI, WOPLC						TEST WITNESSED BY D. Barone									
31. LIST OF ATTACHMENTS Chronological report.															

SIGNED

Eileen Danni Dey

Regulatory Analyst

DATE 10/10/91

See Spaces for Additional Data on Reverse Side

INSTRUCTIONS

This form should be completed in compliance with the Utah Oil and Gas Conservation General Rules. If not filed prior to this time, all logs, tests, and directional surveys as required by Utah Rules should be attached and submitted with this report.

ITEM 18: Indicate which elevation is used as reference for depth measurements given in other spaces on this form and on any attachments.

ITEMS 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

ITEM 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

ITEM 33: Submit a separate completion report on this form for each interval to be separately produced (see instruction for items 22 and 24 above).

37. SUMMARY OF POROUS ZONES:				38. GEOLOGIC MARKERS		
Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.				Name	Top	
Formation	Top	Bottom	Description, contents, etc.		Meas. Depth	True Vert. Depth
				Wasatch	4716'	4716'

EXHIBIT "M2"

COASTAL OIL & GAS CORPORATION CHRONOLOGICAL HISTORY

NBU #159
NATURAL BUTTES UNIT
UINTAH COUNTY, UTAH
COASTALDRIL #1
WI: 60% COGC AFE: 13100
ATD: 6075' (WASATCH) SD: 7/24/91
CSG: 8-5/8" @ 275'
DHC(MS): 158.9

NE/SW SECTION 35-T9S-R21E

- 7/13/91 275' WORT Spud 12: p.m., 7/10/91. Drilled 12-1/4" w/L. Ross Drlg to 263' GL. Ran 6 jts (264') 8-5/8" 24# K-55 ST&C csg. Cmt w/Howco: 10 bbls FW, 20 bbls gel water; 150 sx Prem+ Type V w/2% CaCl₂ and 1/4#/sk Flocele, 38 sx to pit. Witnessed by Carol Kubley w/Utah State. CC: \$18,191.
- 7/25/91 1030' Drlg 755'/9.5 hrs. Spud 8:00 p.m., 7/24/91. RDRT - move - RURT. Test BOP to 2000 psi, csg leaked to 1300 psi/5 min. State was notified but did not witness. PU BHA, tag cmt @ 230'. Drill cmt & shoe. Drlg, svy: 1-3/4 deg @ 793'. Drlg w/air mist, pH 10, 1200 CFM, CC: \$53,972.
- 7/26/91 2350' Drlg 1320'/23 hrs. Drlg, svy: 1-1/2 deg @ 1485'; 1-1/2 deg @ 2215'. Drlg, wqater @ 1640'. Drlg w/aerated wtr, pH 10.0, 350 CFM. CC: \$64,254.
- 7/27/91 3350' Drlg 1000'/21 hrs. Drlg, RS, drlg. POH 8 stds. Chg out boot on drum clutch. TIH and unload hole. Drlg, svy: 2 deg @ 3033'. Drlg w/aerated wtr. pH 10.0, 600 CFM. CC: \$70,895.
- 7/28/91 4300' Drlg 950'/23 hrs. Drlg, RS, svy: 1-3/4 deg @ 3904'. Drlg w/aerated wtr, pH 9.5, AIR 600 CFM. CC: \$77,366.
- 7/29/91 5020' Drlg 720'/18.5 hrs. Drlg, RS, check BOP, drlg. TFNB. Chg flowline valve, dress bit. TIH, wash 30' to btm, 15' fill, drlg. Aerated wtr, pH 9.5, 600 CFM. CC: \$88,689.
- 7/30/91 5790' Drlg 770'/22 hrs. Drlg, RS, check BOP. Drlg, svy: 2-3/4 deg @ 6609'. pH 9.5, 600 CFM. CC: \$96,527.
- 7/31/91 6049' Running E logs. 259'/9 hrs. Drlg, circ. Short trip 15 stds. Pump 400 bbls 10 PPG brine. POOH for E logs - SLM, no correction. WO loggers, HLS. Run E logs: Den-Neutron-GR-DLL-Caliper, Density failed. POOH, chg out density tool. TIH, start logging @ report time. Logger's TD = 5990'. Drlg brks from 5607-5615'; 5951-5974'. Drlg w/aerated wtr. pH 9.5, 600 CFM. CC: \$107,259.
- 8/1/91 6049' Rig released @ 6:00 a.m., 8/1/91. Logging w/HLS: DLL-GR-Den-Neut-Cal-Density-Neit from 5992-2600'; GR to surface; DLL from 5658' to surface. TIH to 5670', hit bridge. RU LD machine. LD DP & DC. PU 5-1/2" csg & run to 5670'. Wash 5670'-6049'. Circ, cmt w/Howco. 40 bbls FW, 210 sx HiFill, 1#/sk Capseal, 0.3% HR-7, 3.82 cu ft/sk, 11 PPG; 425 sx 50-50 Poz, 2% gel, 10% salt, 0.6% Halad-24, 0.2% CFR-3, 1/4#/sk Flocele, 1#/sk Capseal, 1.38 cu ft sk, 14.1 PPG, 139 bbls wtr. Bump plug w/2000 psi. Floats held, no returns, good lift. Set csg slips w/100M#. PU stack and cut csg. Ran 147 jts (6058') 5-1/2", 17# J-55 LT&C csg. FS 6049' (Tex pattern shoe); FC 6007', flag jt @ 4489'. Ran 10 centralizers. CC: \$182,663. FINAL DRILLING REPORT.

EXHIBIT "M2"

THE COASTAL CORPORATION PRODUCTION REPORT

CHRONOLOGICAL HISTORY

PAGE 2

NBU #159
NE/SW SECTION 35-T9S-R21E
NATURAL BUTTES UNIT
UINTAH COUNTY, UTAH
WI: 60% COGC AFE: 13100
TD: 6049' (WASATCH) SD: 7/24/91
CSG: 5-1/2" @ 6049'
PERFS: 4988'-5957' (WASATCH)
CWC(M\$): \$358.8

8/6/91 Drill out float collar. MIRU Pool. TIH w/tbg. Tag cmt @ 5997'.
DC: \$19,100 TC: \$201,763

8/7/91 Prep to perf. Drill out cmt to FC @ 6007'. Circ hole clean. POOH.
MIRU HLS. Run CBL-GR from PBTD to 1450'. TOC @ 1660'. Pressure tst
csg to 4500 psi.
DC: \$1,350 TC: \$203,113

8/8/91 Flow to pit. Perf Wasatch w/7 holes from 4988' to 5957'. TIH w/tbg
to 4933'. Breakdown Wasatch w/4000 gals 3% KCl and 14 ball sealers.
ISIP 1430 psi, 15 min 1270 psi. AIR 6.5 BPM, AIP 4700 psi. Open
well to pit. Well flowing.
DC: \$8,096 TC: \$211,209

8/9/91 Flow to pit. Flowing 130 MCFD, FTP 40 psi, CP 750 psi, 20/64" choke.
DC: \$990 TC: \$212,199

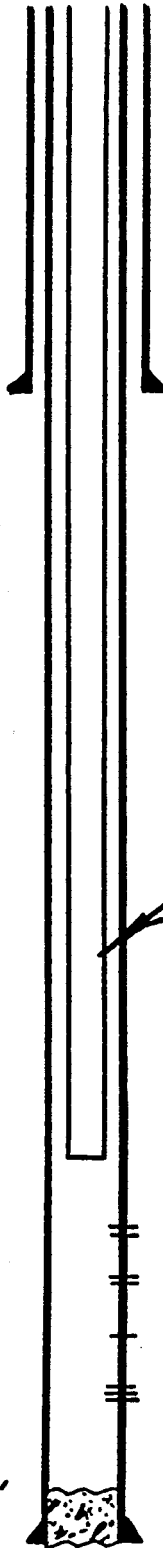
8/10/91 SI waiting on frac. Flowing 130 MCFD, FTP 40 psi, CP 750 psi, 20/64"
choke. POOH w/tbg. Lay down tbg. Drop from report until further
activity.
DC: \$1,150 TC: \$213,349

EXHIBIT "M3"

PRESENT SCHEMATIC

NBU #159
 SEC 35 T9S R21E
 UINTAH CO., UTAH

ELEV. 5082' GL
 5094' KB



8 5/8" K-55 24# CSA 275'
 CMT w/ 150 SX

2 3/8" TUBING

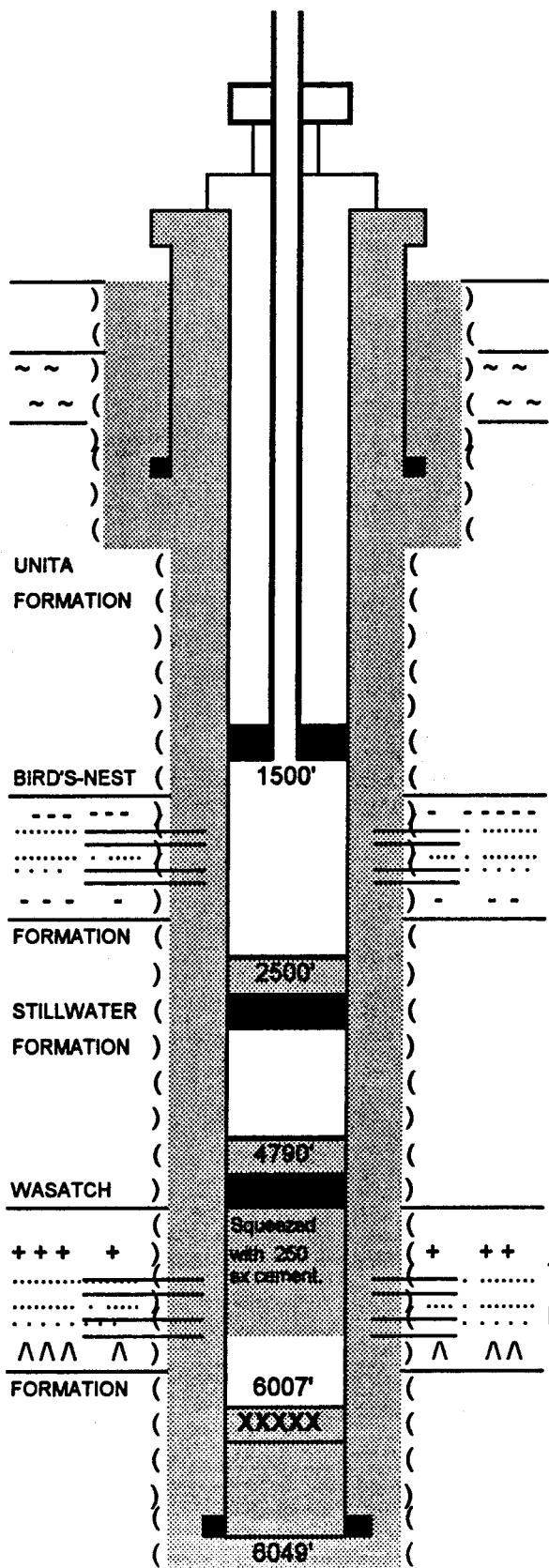
PERFORATIONS: 4988, 4993, 5596, 5599,
 5609, AND POSSIBLY 5954,
 5962, 5970

PBTD 6007'
 TO 6049'

5 1/2" J-55 17# CSA 6049'
 CMT w/ 635 SX
 (NO CMT TO SURF)

EXHIBIT "M4"

WELLBORE DIAGRAM FOR INJECTION WELL AFTER SETTING IT UP TO INJECT



Company: COASTAL OIL & GAS CORP.

Lease Name: NATURAL BUTTES UNIT

Lease Number: 159

Location: NE SW SEC. 35, T9S - R21E

County: UINTAH, UATH

Date: 08/04/93

ELEVATION G.L.: 5082'

ELEVATION K.B.: 5094'

Fresh Water Zone Depth: Possibly 1600' TO Surface

Surface Casing: 8 5/8" K-55 Cement with 150 sxs

Surface Pipe Shoe Depth: 275'

Tubing: 2 3/8"

Secondary Cement Top: Surface

Primary Cement Top: 1680'

Injection Formation: Bird's-Nest

Packer at: 1500'

Top of perforations: 1600'

Bottom of perforations: 1830'

Bridge Plug: 2500' with 5 sx cement on top

Retainer: 4790' with 10 sx cement on top

Producing Formation: Wasatch

Top of perforations: 4988'

Bottom of perforations: 5957'

Hole Size: 7 7/8"

Production Casing: 5 1/2" J-55 17# CMT W/ 635 SX

PBTD: 6007'

Total Depth: 6049'

EXHIBIT "M5"

TOOL CALIBRATION 6.923 VOLTS
 GATE WINDOW 257 TO 297 μ SEC
 TOTAL BOND 0.0 DB/FT
 PLAYBACK OFFSET 0.0 FT

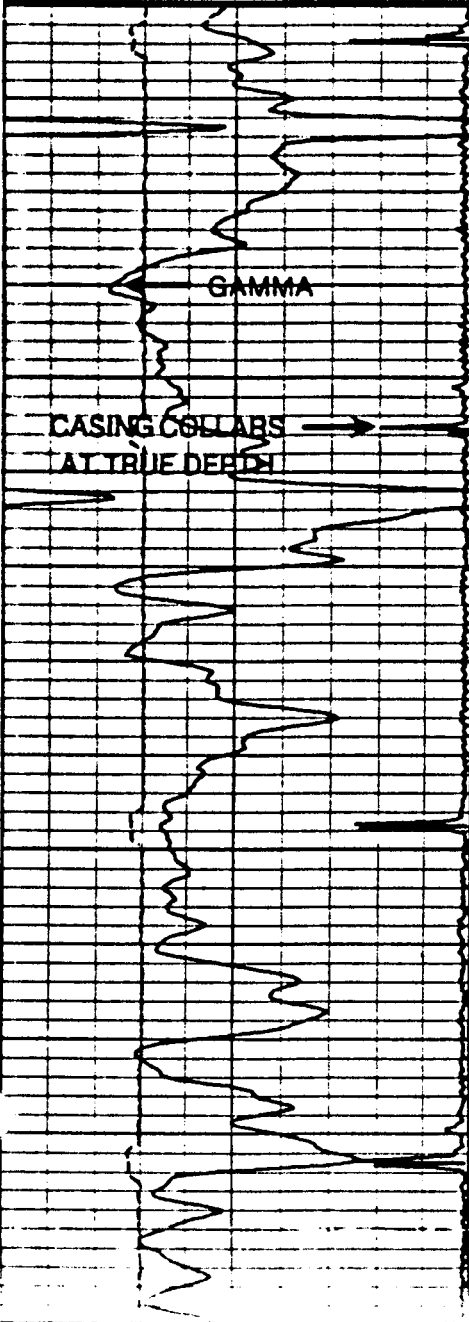
CASING O.D. 5.500 IN
 CEMENT STRENGTH 0 PSI
 CASING THICKNESS 0.304 IN
 BMAX 0.0 MV

08-06-91 12:27 1460.0 68809 0072-34 0 2

320 TT3 (μ SEC) 120
 1000 CCL -400
 0 GR API 150

0 AMPLITUDE X5 20
 0 AMPLITUDE-MV 100

200 S SPECTRUM 120



01500

AMPLITUDE →

EXHIBIT "M"

0600

01700

01800

PAGE 38

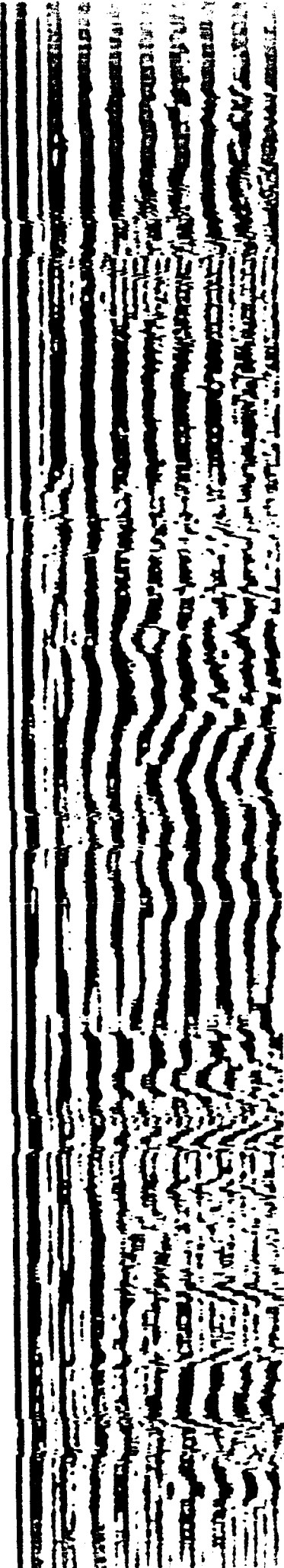
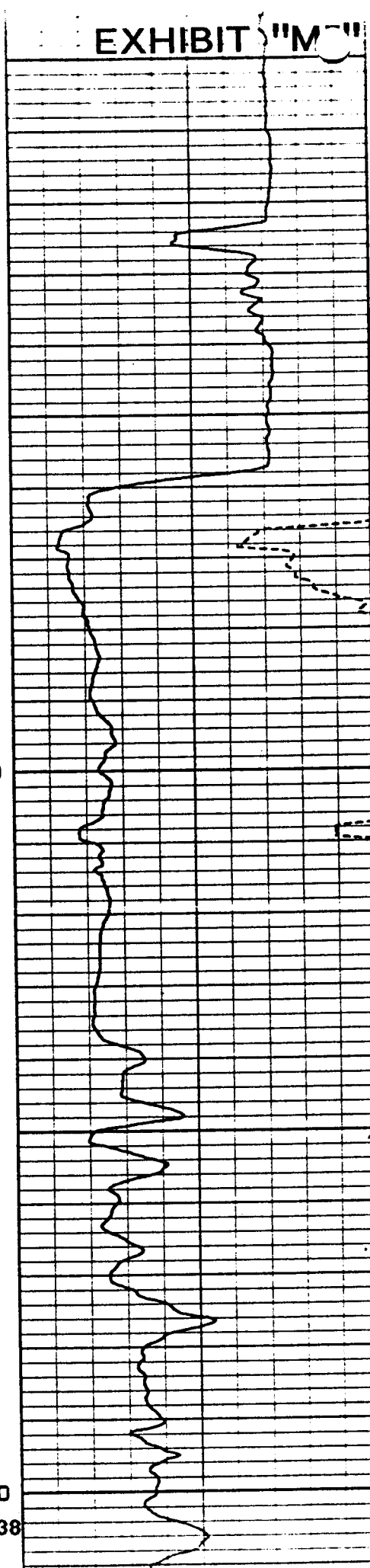
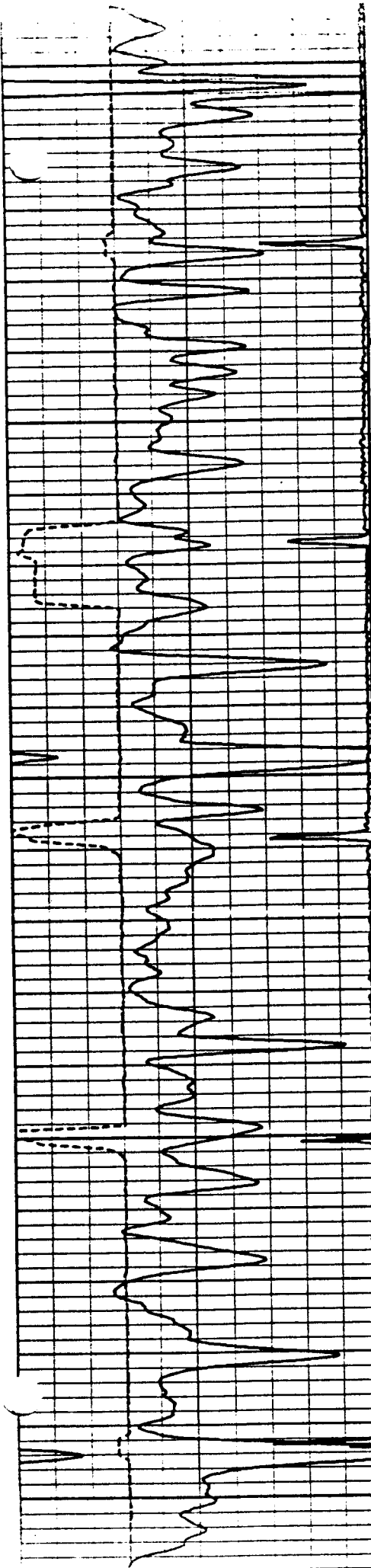


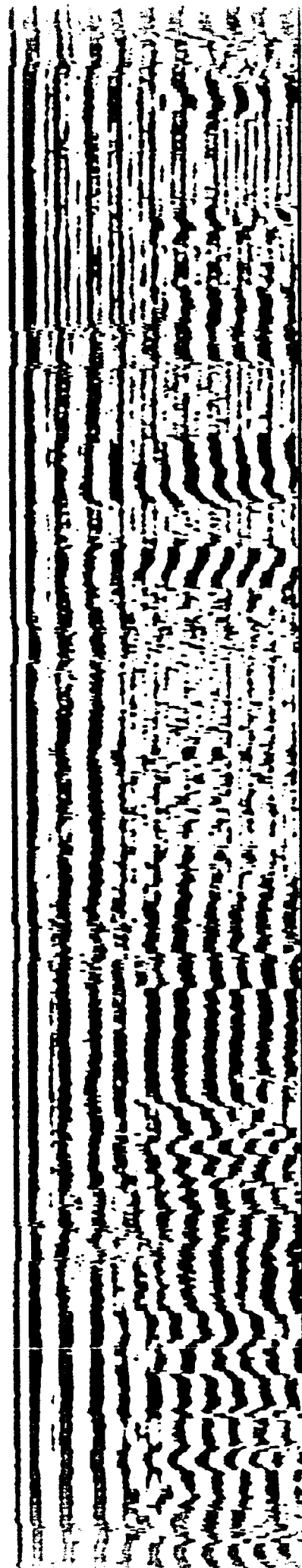
EXHIBIT "M5"

01800

01900

PAGE 39

02000



EPA EXHIBIT "Q1" PLUGGING AND ABANDONMENT PLAN

WASHINGTON, DC 20460

NAME AND ADDRESS OF FACILITY

NATURAL BUTTES UNIT #159
NE SW SECTION 35, T9S - R21E
UNITAH COUNTY, UT

NAME AND ADDRESS OF OWNER, OPERATOR

COASTAL OIL & GAS CORPORATION
600 17th STREET, SUITE 800-S
DENVER, CO 80202

LOCATE WELL AND OUTLINE UNIT ON
SECTION PLAT - 640 ACRES

STATE

UT

COUNTY

UNITAH

PERMIT NUMBER

SURFACE LOCATION DESCRIPTION

1/4 OF NE 1/4 OF SW 1/4 SECTION 35 TOWNSHIP 9S RANGE 21E

LOCATE WELL IN TWO DIRECTIONS FROM NEAREST LINES OF QUARTER SECTION AND DRILLING UNIT

Surface Location 1958 ft. from (N/S) S Line of quarter section
and 1945 ft. from (E/W) W Line of quarter section

TYPE OF AUTHORIZATION

- ☒ Individual Permit
☐ Area Permit
☐ Rul.

Number of Wells 1

WELL ACTIVITY

- ☐ CLASS I
☒ CLASS II
☒ Brine Disposal
☐ Enhanced Recovery
☐ Hydrocarbon Storage
☐ CLASS III

Lease Name NATURAL BUTTES UNIT Well Number #159

CASING AND TUBING RECORD AFTER PLUGGING

SIZE	WT(LB/FT)	TO BE PUT IN WELL (FT)	TO BE LEFT IN WELL (FT)	HOLE SIZE
8 5/8	24#	275'	275'	12 1/4"
5 1/2	17#	6049'	6049'	7 7/8"

METHOD OF EMPLACEMENT OF CEMENT PLUGS

- ☐ The Balance Method
☐ The Dump Bailer Method
☐ The Two-Plug Method
☒ Other PUMP AND PLUG.

CEMENTING TO PLUG AND ABANDON DATA:

	PLUG #1	PLUG #2	PLUG #3	PLUG #4	PLUG #5	PLUG #6	PLUG #7
Size of Hole or Pipe in which Plug Will Be Placed (inches)	5 1/2"	5 1/2"					
Depth to Bottom of Tubing or Drill Pipe (ft.)	1580'	SURF					
Sacks of Cement To Be Used (each plug)	100	30					
Slurry Volume To Be Pumped (cu. ft.)	134	40					
Calculated Top of Plug (ft.)	1580	SURF					
Measured Top of Plug (if tagged ft.)	---	---					
Slurry Wt. (Lb./Gal.)	14.8	14.8					
Type Cement or Other Material (Class III)	"G"	"G"					

LIST ALL OPEN HOLE AND/OR PERFORATED INTERVALS AND INTERVALS WHERE CASING WILL BE VARIED (If any)

From	To	From	To
1600'	1830'		

Estimated Cost to Plug Wells

\$10,000

CERTIFICATION

I certify under the penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. (Ref. 40 CFR 144.32)

NAME AND OFFICIAL TITLE (Please type or print)

R.L. BARTLEY VICE PRESIDENT

SIGNATURE

DATE SIGNED

8/10/93

EXHIBIT "Q2"

WELLBORE DIAGRAM FOR INJECTION WELL AFTER PLUGGING AND ABANDONMENT

Company: COASTAL OIL & GAS CORP.

Lease Name: NATURAL BUTTES UNIT

Lease Number: 159

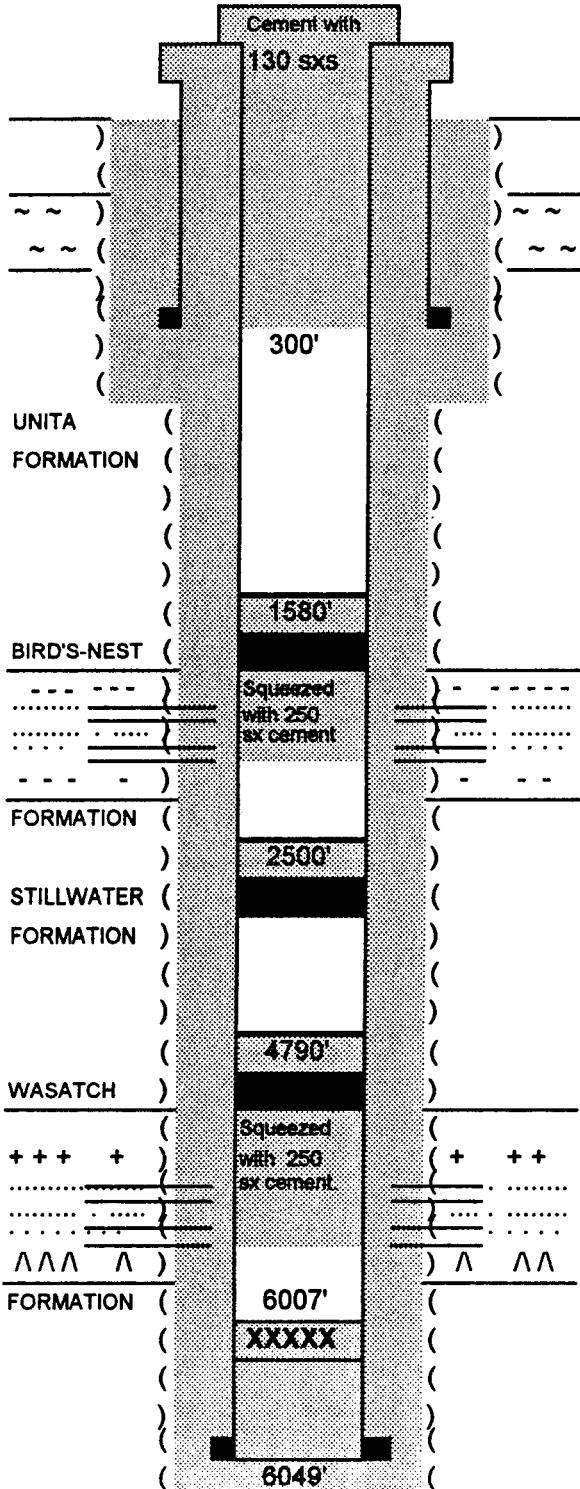
Location: NE SW SEC. 35, T9S - R21E

County: UINTAH, UATH

Date: 08/04/93

ELEVATION G.L.: 5082'

ELEVATION K.B.: 5094'



Fresh Water Zone Depth: Possibly 1600' TO Surface

Surface Casing: 8 5/8" K-55 Cement with 150 sxs

Surface Pipe Shoe Depth: 275'

Secondary Cement Top: Surface

Primary Cement Top: 1660'

Injection Formation: Bird's-Nest

Retainer: 1580' with 10 sx cement on top

Top of perforations: 1600'

Bottom of perforations: 1830'

Bridge Plug: 2500' with 5 sx cement on top

Retainer: 4790' with 10 sx cement on top

Producing Formation: Wasatch

Top of perforations: 4988'

Bottom of perforations: 5957'

Hole Size: 7 7/8"

Production Casing: 5 1/2" J-55 17# CMT W/ 635 SX

PBTD: 6007'

Total Depth: 6049'

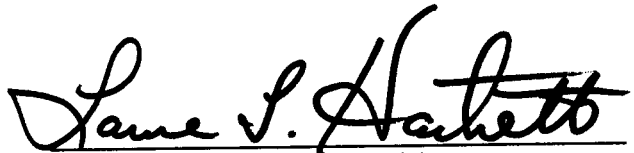
BEFORE THE UNITED STATES ENVIRONMENTAL
PROTECTION AGENCY

IN THE MATTER OF THE APPLICATION OF COASTAL)
OIL & GAS CORPORATION FOR APPROVAL TO CONVERT)
THE NATURAL BUTTES UNIT #159 TO AN UNDERGROUND)
WATER DISPOSAL WELL IN THE BIRD'S-NEST FORMATION)
IN SECTION 35, T9S, R21E, UINTAH COUNTY, UTAH)

AFFIDAVIT OF MAILING

Lawrence T. Hartnett, of legal age, and being first duly sworn,
upon his oath, deposes and says:

That he is employed by Coastal Oil & Gas Corporation as a
consultant; that Coastal's application for Underground Water
Disposal in the Natural Buttes Unit #159 has been sent by certified
mail on August 11, 1993, to the surface owners located within one-
half mile radius of the subject well or other interested parties at
the addresses shown on the attached mailing list; and that to the
best of his information, knowledge and belief, the parties above
named are the only parties to whom notice of this application is
required to be given.



Lawrence T. Hartnett
Consultant
Registered Professional Engineer
State of Utah #0548709657

STATE OF COLORADO)
) ss.
COUNTY OF DENVER)

Subscribed and sworn to before me on this 26th day of August, 1993.


Notary Public

My Commission Expires:

11-21-93



**MAILING LIST
NATURAL BUTTES UNIT #159
UNDERGROUND WATER DISPOSAL APPLICATION**

STATE OF UTAH
DIVISION OF STATE LANDS AND FORESTRY
3 TRIAD CENTER, #400
SALT LAKE CITY, UT 84180-1204

THE UTAH DIVISION OF OIL , GAS, & MINING
3 TRIAD CENTER, #350
SALT LAKE CITY, UT 84180-1203

UINTAH & OURAY AGENCY
FT. DUCHESNE, UT 84026

BUREAU OF LAND MANAGEMENT
AREA MANAGER
170 S. 500 E.
VERNAL, UT 84078

INJECTION WELL APPLICATION

REVIEW SUMMARY

Applicant: Coastal Oil & Gas Corp Well: NBU 159

Location: section 35 township 9S range 21E

API #: _____ Well Type: disp. X enhanced recov. _____

If enhanced recovery has project been approved by the Board ? N/A

Lease Type: State Surface Ownership: State

Field: Natural Buttes Unit: N. B. U. Indian Country: Yes

UIC Form 1: NO Plat: Yes Wells in AOR: _____

Logs Available: Yes Bond Log: Yes

Casing Program: _____

Integrity Test: _____

Injection Fluid: Produced water

Geologic Information: Parachute Creek Member of the Green River.
Surface to 1600 Vinta.

Analyses of Injection Fluid: Yes Formation Fluid: NO ~~Yes~~ Compat. Yes

Fracture Gradient Information: _____ Parting Pressure _____

Affidavit of Notice to Owners: NO

Fresh Water Aquifers in Area: _____

Depth Base of Moderately Saline Water: _____

Confining Interval: Shale & silts of Green River and Vinta.

Reviewer: D. James Date: 8/24/25/93

Comments & Recommendation _____

LAWRENCE T. HARTNETT, P.E.

Petroleum Engineer

P.O. Box 140519

Edgewater, Colorado 80214-0519

303-238-2342

FAX 303-238-3816

September 27, 1993

The Utah Division of Oil, Gas, & Mining
3 Triad Center, #350
Salt Lake City, UT 84180-1203
Attn: Dan Jarvis

Re: UIC Permit Coastal Oil & Gas Corporation
Natural Buttes Unit #159
NE SW Section 35, T9S - R21E
Unitah County, Utah

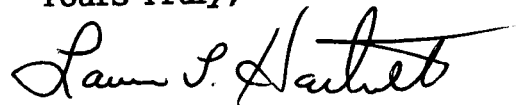
Dear Mr. Jarvis,

Enclosed is the additional information requested for the Natural Buttes Unit #159 SWD Permit. The information on the cement tops of the wells is as follows:

<u>WELL</u>	<u>CEMENT TOP</u>	<u>REMARKS</u>
NBU #156	980'	TOP DOWN CEMENT SQUEEZE JOB ALSO.
NBU #69N2	NO CEMENT BOND LOG.	
CIGE 114-34-9-21	5400'	TOP DOWN CEMENT SQUEEZE JOB ALSO.
CIGE 28-35-9-21	1500'	
CIGE 133-35-9-21	1490'	

If there is any other information that I can furnish for this permit, please let me know what you need. Thank you very much for your time in this matter.

Yours Truly,



Lawrence T. Hartnett, P.E.

RECEIVED

SEP 30 1993

DIVISION OF
OIL, GAS & MINING

OPERATOR COASTAL OIL & GAS CORPORATION
ADDRESS P.O. BOX 749
DENVER, CO 80201

Well name and number: NATURAL BUTTES UNIT #159

Field or Unit name: NATURAL BUTTES Lease no. STATE U-01194

Well location: QQ NESW section 35 township 9S range 21E county UNITAH

Is this application for expansion of an existing project? . . Yes ☐ No ☒

Will the proposed well be used for:

Enhanced Recovery?	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
Disposal?	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
Storage?	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>

Is this application for a new well to be drilled? Yes ☐ No ☒

If this application is for an existing well,
has a casing test been performed on the well? Yes ☐ No ☒

Date of test: _____
API number: 43-047-31996

Proposed injection interval: from 1600' to 1830'

Proposed maximum injection: rate 350 BPD pressure 480 psig

Proposed injection zone contains ☐ oil, ☐ gas, and/or ☐ fresh water within 1/2 mile of the well.

IMPORTANT: Additional information as required by R615-5-2 should accompany this form.

List of Attachments: EPA PERMIT

I certify that this report is true and complete to the best of my knowledge.

Name LAWRENCE T. HARTNETT
 Title CONSULTANT
 Phone No. (303) 238-2342

Signature Stan J. Harkins
Date 9/27/93

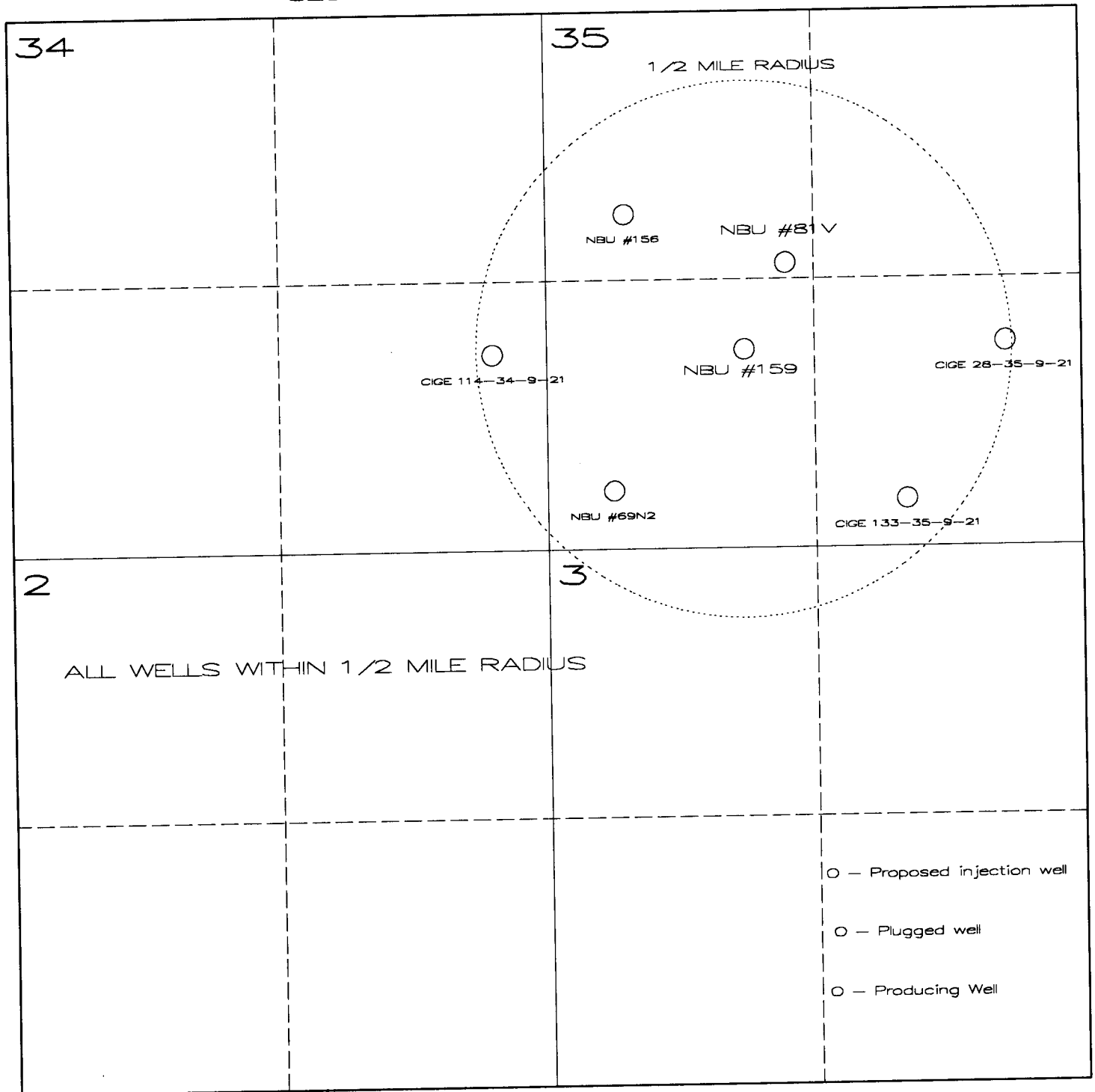
(State use only)
Application approved by _____ Title _____
Approval Date _____

Comments:

COASTAL OIL & GAS CORPORATION

T9S — R21E & T10S — 21E

SECTIONS 34 AND 35 & 2 AND 3



NATURAL BUTTES UNIT #159

1945' FWL 1958' FSL NE SW SEC. 35, T9S-21E

UINTAH COUNTY, UTAH

APPLICATION FOR INJECTION WELL - UIC FORM 1

OPERATOR COASTAL OIL & GAS CORPORATION
ADDRESS P.O. BOX 749
DENVER, CO 80201

Well name and number: NATURAL BUTTES UNIT #159

Field or Unit name: NATURAL BUTTES Lease no. STATE U-01194

Well location: QQ NESW section 35 township 9S range 21E county UNITAH

Is this application for expansion of an existing project? . . . Yes ☐ No ☒

Will the proposed well be used for: Enhanced Recovery? . . . Yes ☐ No ☐
Disposal? Yes ☒ No ☐
Storage? Yes ☐ No ☐

Is this application for a new well to be drilled? Yes ☐ No ☒

If this application is for an existing well,
has a casing test been performed on the well? Yes ☐ No ☒

Date of test: _____
API number: 43-047-31996

Proposed injection interval: from 1600' to 1830'

Proposed maximum injection: rate 350 BPD pressure 480 psig

Proposed injection zone contains ☐ oil, ☐ gas, and/or ☐ fresh water within 1/2 mile of the well.

IMPORTANT: Additional information as required by R615-5-2 should accompany this form.

List of Attachments: EPA PERMIT

I certify that this report is true and complete to the best of my knowledge.

Name LAWRENCE T. HARTNETT

Title CONSULTANT

Phone No. (303) 238-2342

Signature Law T. Hartnett

Date 9/27/93

(State use only)

Application approved by _____

Title _____

Approval Date _____

Comments:



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor

Ted Stewart
Executive Director

James W. Carter
Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340
801-358-3940 (Fax)
801-538-5319 (TDD)

November 1, 1993

Newspaper Agency Corporation
Legal Advertising
157 Regent Street
Salt Lake City, Utah 84110

Re: Notice of Agency Action - Cause No. UIC-138

Gentlemen:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please send proof of publication and billing to the Division of Oil, Gas and Mining, 355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Utah 84180-1203.

Sincerely,

Lisa D. Clement
Administrative Secretary

Enclosure
WO1168

PROOF OF PUBLICATION

611
FYP

STATE OF UTAH,

{ SS.

County of Uintah

NOTICE OF AGENCY
ACTION
CAUSE NO. UIC-138
BEFORE THE
DIVISION OF OIL,
GAS AND MINING
DEPARTMENT OF
NATURAL
RESOURCES
STATE OF UTAH
IN THE MATTER OF
THE APPLICATION OF
COASTAL OIL & GAS
CORPORATION FOR
ADMINISTRATIVE
APPROVAL OF THE
NATURAL BUTTES
UNIT #159 WELL
LOCATED IN SECTION
35, TOWNSHIP 9
SOUTH, RANGE 21
EAST, S.L.M.,
UINTAH COUNTY,
UTAH, AS A CLASS II
INJECTION WELL

The state of Utah to all persons interested in the above entitled matter.

Notice is hereby given that the Division is commencing an informal adjudicative proceeding to consider the application of Coastal Oil & Gas Corporation for administrative approval of the Natural Buttes Unit #159 Well, located in Section 35, Township 9 South, Range 21 East, Uintah County, Utah, for conversion to a Class II injection well. The proceeding will be conducted in accordance with Utah Admin. R.649-10, Administrative Procedures.

The Green River formation interval from 1600 feet to 1830 feet will be selectively perforated for water injection. The average injection pressure is estimated to be 400 psig and the estimated injection volume will be 350 barrels of water per day.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. If such a protest or notice of intervention is received, a hearing will be scheduled before the board of Oil, Gas and Mining. Protestants and/or intervenors should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 1st day of November, 1993.

State of Utah
Division of Oil, Gas and Mining

R.J. FIRTH

Associate Director

Published in the Vernal Express November 10, 1993

I, Judy McCarley,

begin duly sworn, depose and say, that I am the Business Manager of The Vernal Express, a weekly newspaper of general circulation, published each week at Vernal, Utah, that the notice attached hereto was published in said newspaper

for 1 publications,

the first publication having been made on

the 10th day of November, 1993 and the

last on the 10th day of November, 1993,

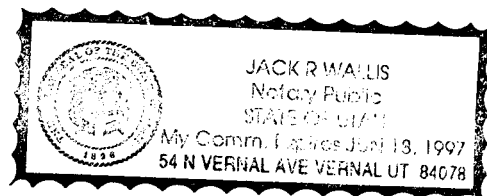
that

said notice was published in the regular and entire issue of every number of the paper during the period and times of publication, and the same was published in the newspaper proper and not in a supplement.

By Judy McCarley Manager

Subscribed and sworn to before me, this 10th day of November A.D. 1993.

Jack R. Wallis
Notary Public, Residence, Vernal, Utah





State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor

Ted Stewart
Executive Director

James W. Carter
Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340
801-359-3940 (Fax)
801-538-5319 (TDD)

November 1, 1993

Vernal Express
P.O. Box 1000
54 North Vernal Avenue
Vernal, Utah 84078

Re: Notice of Agency Action - Cause No. UIC-138

Gentlemen:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please send proof of publication and billing to the Division of Oil, Gas and Mining, 355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Utah 84180-1203.

Sincerely,

Lisa D. Clement
Administrative Secretary

Enclosure
WOI168

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH

---ooOoo---

IN THE MATTER OF THE APPLICATION
OF COASTAL OIL & GAS CORPORATION
FOR ADMINISTRATIVE APPROVAL OF
THE NATURAL BUTTES UNIT #159 WELL
LOCATED IN SECTION 35, TOWNSHIP
9 SOUTH, RANGE 21 EAST, S.L.M.,
UINTAH COUNTY, UTAH, AS A CLASS
II INJECTION WELL

NOTICE OF AGENCY ACTION
CAUSE NO. UIC-138

---ooOoo---

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

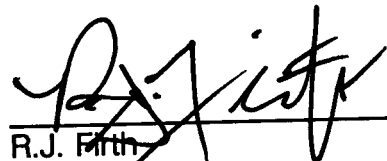
Notice is hereby given that the Division is commencing an informal adjudicative proceeding to consider the application of Coastal Oil & Gas Corporation for administrative approval of the Natural Buttes Unit #159 Well, located in Section 35, Township 9 South, Range 21 East, Uintah County, Utah, for conversion to a Class II injection well. The proceeding will be conducted in accordance with Utah Admin. R.649-10, Administrative Procedures.

The Green River formation interval from 1600 feet to 1830 feet will be selectively perforated for water injection. The average injection pressure is estimated to be 400 psig and the estimated injection volume will be 350 barrels of water per day.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. If such a protest or notice of intervention is received, a hearing will be scheduled before the Board of Oil, Gas and Mining. Protestants and/or intervenors should be prepared to demonstrate at the hearing how this matter affects their interests.

DATED this 1st day of November, 1993.

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING



R.J. Firth
Associate Director

**Coastal Oil & Gas Corporation
Natural Buttes Unit #159 Well
Cause No. UIC-138**

Publication Notices were sent to the following:

Newspaper Agency Corporation
Legal Advertising
157 Regent Street
Salt Lake City, Utah 84110

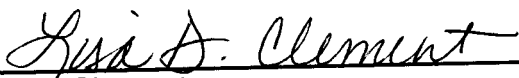
Vernal Express
P.O. Box 1000
54 North Vernal Avenue
Vernal, Utah 84078

Bureau of Land Management
Vernal District Office
170 South 500 East
Vernal, Utah 84078

Coastal Oil & Gas Corporation
P.O. Box 749
600 17th Street, Suite 800-S
Denver, Colorado 80201

U.S. Environmental Protection Agency
Region VIII
Attn: Tom Pike
999 18th Street
Denver, Colorado 80202-2466

Lawrence Hartnett
P.O. Box 140519
Edgewater, Colorado 80214-0519



Lisa D. Clement
Administrative Secretary
November 1, 1993

**DIVISION OF OIL, GAS AND MINING
UNDERGROUND INJECTION CONTROL PROGRAM**

**PERMIT
DECISION DOCUMENT**

Applicant: Coastal Oil And Gas **Well:** N. B. #159

Location: Natural Buttes, Uintah County

Ownership Issues: The proposed well is located in section 35, township 9 south, range 21 east, Uintah, County, Utah. The surface and minerals within a 1/2 mile of the well is owned by the State of Utah. Coastal has provided an affidavit stating that all interested parties have been notified of their intent to convert the well to injection.

Well Integrity: The well proposed for injection is the Natural Buttes Unit 159. The well is an existing shut in gas well. It has an 8 5/8" surface casing set at 275 feet and cement to surface. A 5 1/2" longstring was set at 6049 feet, with a cement top at 1660 determined from a cement bond log. The proposed injection interval is from 1600 to 1830 feet, (Birds Nest Aquifer of the Green River Formation). It is proposed to do a bradenhead squeeze and run a cement bond log to verify that the entire zone is covered. A 2 3/8" tubing will be set in a packer no higher than 50 feet above the perforations. This construction should adequately protect all USDW's. There are 6 producing wells in the 1/2 mile area of review. All wells in the AOR have sufficient cement behind the longstring and have adequate surface casing to prevent any migration of fluid up the hole. A casing test should be performed at the time of conversion and a casing/tubing pressure test should be performed prior to injection. A maximum pressure of 480 psig was requested, and is based on an assumed frac gradient of .733.

Ground Water Protection: The base of moderately saline water is at a depth of approximately 200 feet located in the Uinta Formation in the area of the project. Any shallow fresh water zones will be adequately protected by existing constructions of surrounding wells. No corrective action is needed.

Oil/Gas & Other Mineral Resources Protection: Coastal Oil and Gas Company is the operator of the Natural Buttes Unit. The proposed zone of injection should have no adverse affects on any offset production.

Bonding: All the wells in the section are operated by Coastal and are covered by a state wide bond.

Actions Taken and Further Approvals Needed: A public notice for the NBU #159 well will be published in both the Salt Lake Tribune and the Vernal Express. Administrative approval can be granted for the injection well after a 15 day comment period if no

objections are received. Additional action needed for approval are as follows; A bradenhead squeeze needs to be performed to cover the interval from 1600 -1660 feet. A cement bond log needs to be run to verify that the squeeze was successful. If the bradenhead squeeze proves inadequate then a block squeeze needs to be performed. The proposed zone of injection needs to be swabbed and a representative water sample obtained and analyzed to determine the quality of the water. A mechanical integrity test needs to be run.

DJJ
Reviewers

11-15-93
Date

LEGAL ADVERTISING INVOICE

POLYMER LETTERS

NOV 16 1993

DIVISION OF
OIL, GAS & MINING

CUSTOMER NAME AND ADDRESS	ACCOUNT NUMBER	BILLING DATE
DIV OF OIL, GAS & MINING 355 W NO TEMPLE, #350 SALT LAKE CITY, UT 84180	LE-5385340	11/10/93
	FOR BILLING INFORMATION CALL (801) 237-2822	

AFFIDAVIT OF PUBLICATION

AS NEWSPAPER AGENCY CORPORATION LEGAL BOOKKEEPER, I CERTIFY THAT THE ATTACHED ADVERTISEMENT OF NOTICE OF AGENCY ACTION CAUSE NO. UIC-138 BEFORE DIV OF OIL, GAS & MINING FOR CORPORATION, AGENT FOR THE SALT LAKE TRIBUNE AND DESERET NEWS, DAILY NEWSPAPERS PRINTED IN THE ENGLISH LANGUAGE WITH GENERAL CIRCULATION IN UTAH, AND PUBLISHED IN SALT LAKE CITY, SALT LAKE COUNTY, IN THE STATE OF UTAH.

PUBLISHED ON NOV 09 1997

SIGNATURE

11/10/93

DATE _____

**NOTICE OF AGENCY ACTION
CAUSE NO. UIC-138
BEFORE THE DIVISION OF OIL,
GAS AND MINING
DEPARTMENT OF NATURAL
RESOURCES, STATE OF UTAH**

IN THE MATTER OF THE APPLICATION OF COASTAL OIL & GAS CORPORATION FOR ADMINISTRATIVE APPROVAL OF THE NATURAL BUTTES UNIT #159 WELL LOCATED IN SECTION 35, TOWNSHIP 9 SOUTH, RANGE 21 EAST, S.L.M., UINTAH COUNTY, UTAH, AS A CLASS II INJECTION WELL.

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division is commencing an informal adjudicative proceeding to consider the application of Coastal Oil & Gas Corporation for administrative approval of the Natural Bufiles Unit #159 Well, located in Section 35, Township 9 South, Range 21 East, Uintah County, Utah, for conversion to a Class II injection well. The proceeding will be conducted in accordance with Utah Admin. R.649-10, Administration Procedures.

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Any person desiring to object to the application of otherwise intervenors in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days of the date of publication of this notice. If such a protest or notice of intervention is received, a hearing will be scheduled before the Board of Oil, Gas and Mining. Protestants and/or intervenors should be prepared to demonstrate at the hearing how this matter affects their interests.

DATED this 1st day of November, 1993

STATE OF UTAH
DIVISION OF OIL, GAS
AND MINING
/s/ R. J. Firth
Associated Director
R5820030

074

ACCOUNT NAME			TELEPHONE
OF OIL, GAS & MINING			801-538-5340
SCHEDULE			AD NUMBER
OV 09 1993			B5820030
UST. REF. NO.	CAPTION		MISC. CHARGES
E #UIC-138	NOTICE OF AGENCY ACTION CAUSE NO. UIC-138 BEFORE		.00
SIZE	TIMES	RATE	AD CHARGE
3 LINES 1 COLUMN	1	1.64	119.72
AND PAYABLE ON RECEIPT OF THIS INVOICE		TOTAL AMOUNT DUE	119.72

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SALT LAKE CITY, UT 84180

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Newspaper Agency Corporation

The Salt Lake Tribune DESERET NEWS

CUSTOMER'S COPY

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LAKE CITY, UTAH 84145
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FOR BILLING INFORMATION CALL (801) 237-2822		

AFFIDAVIT OF PUBLICATION

AS NEWSPAPER AGENCY CORPORATION LEGAL BOOKKEEPER, I CERTIFY THAT THE ATTACHED
ADVERTISEMENT OF NOTICE OF AGENCY ACTION CAUSE NO. UIC-138 BEFOR DIV OF OIL, GAS & MINING FOR
WAS PUBLISHED BY THE NEWSPAPER AGENCY CORPORATION, AGENT FOR THE SALT LAKE TRIBUNE AND DESERET NEWS, DAILY NEWSPAPERS
PRINTED IN THE ENGLISH LANGUAGE WITH GENERAL CIRCULATION IN UTAH, AND PUBLISHED
IN SALT LAKE CITY, SALT LAKE COUNTY, IN THE STATE OF UTAH.

PUBLISHED ON NOV 09 1993

SIGNATURE [Signature]

DATE 11/10/93

ACCOUNT NAME			TELEPHONE
DIV OF OIL, GAS & MINING			801-538-5340
SCHEDULE			AD NUMBER
NOV 09 1993			B5820030
CUST. REF. NO.	CAPTION		MISC. CHARGES
CAUSE #UIC-138	NOTICE OF AGENCY ACTION CAUSE NO. UIC-138 BEFOR		.00
SIZE	TIMES	RATE	AD CHARGE
73 LINES 1 COLUMN	1	1.64	119.72
DUE AND PAYABLE ON RECEIPT OF THIS INVOICE			TOTAL AMOUNT DUE
			119.72

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ACCOUNT NUMBER	AD NUMBER	BILLING DATE	PAY THIS AMOUNT
LE-5385340	B5820030	11/10/93	119.72

LEGAL ADVERTISING

MAKE CHECKS PAYABLE TO:
NEWSPAPER AGENCY CORPORATION

PLEASE REMIT TO:

NEWSPAPER AGENCY CORPORATION
P.O. BOX 45838
SALT LAKE CITY, UTAH 84145-0838

DIV OF OIL, GAS & MINING
355 W NO TEMPLE, #350
SALT LAKE CITY, UT 84180

COPY

0702657062003030000000000000001197218137681731141411111111111122083

PLEASE REMOVE THIS STUB



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor

Ted Stewart
Executive Director

James W. Carter
Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340
801-359-3940 (Fax)
801-538-5319 (TDD)

UNDERGROUND INJECTION CONTROL

PERMIT

Cause No.: UIC-138

Well Name/Number: NBU #159

API No.: 43-047-31996

Operator: Coastal Oil & Gas Corporation

Well Type: Disposal

Location: Section 35 , Township 9S Range 21E, County: Uintah

Approval Date: November 30, 1993

PERMIT CONDITIONS

Maximum Allowed Injection Pressure: 480 psig

Maximum Allowed Injection Rate: 350 barrels per day

Injection Interval: 1600 to 1830 feet, Green River Formation

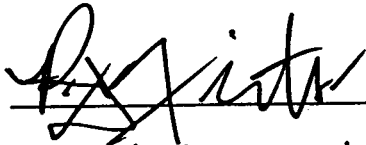
Stipulations of Approval

1. A representative sample of water shall be swabbed from the proposed injection zone and analyzed with the results of the analysis sent to the Division prior to commencing injection.
2. A bradenhead squeeze shall be performed to provide for cement in the annulus of the 5 1/2" casing from surface to 1660 feet.
3. A cement bond log shall be run to verify the success of the bradenhead squeeze job. A copy of the log will be forwarded to the Division as soon as possible for evaluation.

Page 2
Coastal Oil & Gas Corp.
UIC Permit NBU #159
Cause # UIC-138

4. If 2 above is not successful, a block squeeze will be performed to isolate the injection interval. At least 100 feet of cement will be required above the top of the injection interval. A cement bond log will be required to determine the success of the block squeeze job.
5. A tubing-casing annulus pressure test shall be performed at the time of conversion to verify mechanical integrity.

Approval:



Date: 30 Nov 1993

R.J. Firth, Associate Director, Oil and Gas



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor

Ted Stewart
Executive Director

James W. Carter
Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340
801-359-3940 (Fax)
801-538-5319 (TDD)

November 30, 1993

Coastal Oil and Gas Corporation
P.O. Box 749
Denver, Colorado 80201

Re: Natural Buttes Unit #159 Well, Section 35, Township 9 South, Range 21 East,
Uintah County, Utah

Gentlemen:

In accordance with Utah Admin. Code R649-5-3-3, administrative approval for conversion of the referenced well to a Class II injection well is granted.

The following stipulations will apply for compliance with this approval:

1. Full compliance with all applicable requirements for the operation, maintenance and reporting for Class II injection wells pursuant to Utah Admin. Code R649-1 et seq.
2. Conformance with all conditions and requirements of the enclosed permit and the application submitted by Coastal Oil and Gas Corporation

If you have any questions regarding this approval or the necessary requirements, please contact Dan Jarvis at this office.

Sincerely,

R.O. Firth

Associate Director, Oil and Gas

ldc

Enclosure

cc: Dan Jackson, Environmental Protection Agency
Bureau of Land Management, Vernal



STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS		5. Lease Designation and Serial Number: State U-01194
Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.		6. If Indian, Allottee or Tribe Name: N/A
1. Type of Well: OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER:		7. Unit Agreement Name: Natural Buttes Unit
2. Name of Operator: Coastal Oil & Gas Corporation		8. Well Name and Number: NBU #159
3. Address and Telephone Number: P.O. Box 749, Denver, CO 80201-0749 (303) 573-4476		9. API Well Number: 43-047-31996
4. Location of Well Footages: 1958' FSL & 1945' FWL CO, Sec., T., R., M.: NE/SW Section 35-T9S-R21E		10. Field and Pool, or Wildcat: Natural Buttes
County: Uintah State: Utah		

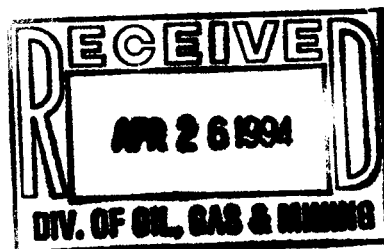
11. **CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

NOTICE OF INTENT (Submit in Duplicate)	SUBSEQUENT REPORT (Submit Original Form Only)
<div style="display: flex; justify-content: space-between;"> <div style="width: 48%;"> <input type="checkbox"/> Abandonment <input type="checkbox"/> Casing Repair <input type="checkbox"/> Change of Plans <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> Fracture Treat <input type="checkbox"/> Multiple Completion <input checked="" type="checkbox"/> Other <u>Convert to Water Disposal</u> </div> <div style="width: 48%;"> <input type="checkbox"/> New Construction <input type="checkbox"/> Pull or Alter Casing <input type="checkbox"/> Recompletion <input type="checkbox"/> Shoot or Acidize <input type="checkbox"/> Vent or Flare <input type="checkbox"/> Water Shut-Off </div> </div>	<div style="display: flex; justify-content: space-between;"> <div style="width: 48%;"> <input type="checkbox"/> Abandonment <input type="checkbox"/> Casing Repair <input type="checkbox"/> Change of Plans <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> Fracture Treat <input type="checkbox"/> Other _____ </div> <div style="width: 48%;"> <input type="checkbox"/> New Construction <input type="checkbox"/> Pull or Alter Casing <input type="checkbox"/> Shoot or Acidize <input type="checkbox"/> Vent or Flare <input type="checkbox"/> Water Shut-Off </div> </div>
Approximate date work will start _____	Date of work completion _____ <small>Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.</small> <small>* Must be accompanied by a cement verification report.</small>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Please see the attached water disposal well recompletion procedure for the subject well.

Accepted by the State
of Utah Division of
Oil, Gas and Mining
Date: 5-2-94
By: [Signature]



13. Name & Signature: <u>[Signature]</u>	Title: <u>Joe Adamski</u> <u>Environmental Coord.</u>	Date: <u>4/21/94</u>
--	--	----------------------

(This space for State use only)

WATER DISPOSAL WELL RECOMPLETION PROCEDURE

NBU #159
SECTION 35-T9S-R21E
UINTAH COUNTY, UTAH

WELL DATA

Location: 1958' FSL & 1945' FWL Section 35, T9S, R21E
Elevation: 5082' GR, 5094' KB
Total Depth: 6049'
PBTD: 6007'

CASING

Surface: 8-5/8" K-55 24# CSA 275', cmt w/150 sx
Production: 5-1/2" J-55 17# LT&C CSA 6049', cmt w/635 sx
Performance Properties:

Description	ID	Drift	Capacity (BPF)	Burst (psi)	Collapse (psi)	Tension (#)
5-1/2" J-55 17	4.982"	4.767"	.02380	5320	4910	372,000
2-3/8" J-55 EUE	1.995"	1.901"	.00389	7700	8100	71,730

Depth Reference: Schlumberger FDC-CNL dated July 30, 1991.
Present Status: Shut-in.

COMPLETION PROCEDURE

1. MIRU CU. NU BOPE. TOO H with tubing.
2. RU wireline company. RIH with CICR on wireline. Set Retainer at 4790'. TIH with tubing. Sting into retainer and establish injection rate. Cement squeeze Wasatch Perforations 4988'-5957' with 250 sxs cement. Dump excess cmt on top of retainer (minimum of 10 sxs). TOO H with tubing.
3. Set CIBP at 2500' on wireline. Spot 5 sxs cement on top of CIBP.
4. Cement squeeze 8-5/8" x 5-1/2" casing annulus using standard "top down" cementing methods.
5. Perforate Uintah formation at 1600-30', 1665-1700', and 1770'-1830' with 3-1/8" casing gun at 1 JSPF (128 holes).
6. TIH w/2-3/8" tubing w/ injection packer. Circulate packer fluid prior to setting packer. Set packer at 1550'.
7. RD service unit. ND BOP, NU WH. Install surface facilities.
8. Run injection test. Run step rate test. If necessary breakdown perfs with 5000 gals 15% HCl acid w/low surface tension additives.

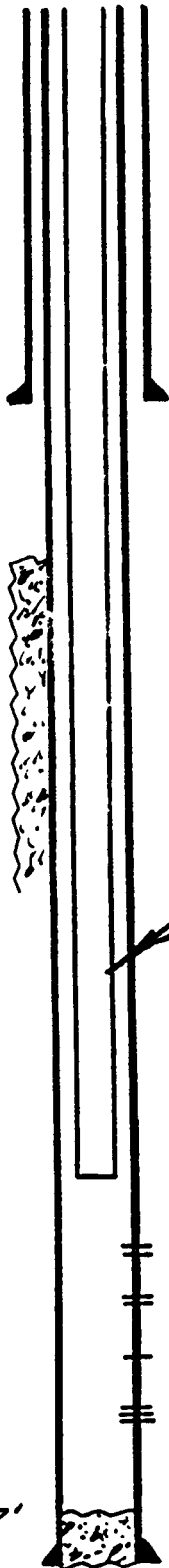
DKD:dkd 

EXHIBIT "M3"

PRESENT SCHEMATIC

NBU #159
SEC 35 T9S R21E
UINTAH CO., UTAH

ELEV. 5082' GL
5094' KB



8 5/8" K-55 24# CSA 275'
CMT W/ 150 SX

TOC 1660'

2 3/8" TUBING

PERFORATIONS: 4988, 4993, 5596, 5599,
5609, AND POSSIBLY 5954,
5962, 5970

PBTD 6007'
> 6049'

5 1/2" J-55 17# CSA 6049'
CMT W/ 635 SX
(NO CMT TO SURF)

EXHIBIT "M4"

WELLBORE DIAGRAM FOR INJECTION WELL AFTER SETTING IT UP TO INJECT

Company: COASTAL OIL & GAS CORP.

Lease Name: NATURAL BUTTES UNIT

Lease Number: 159

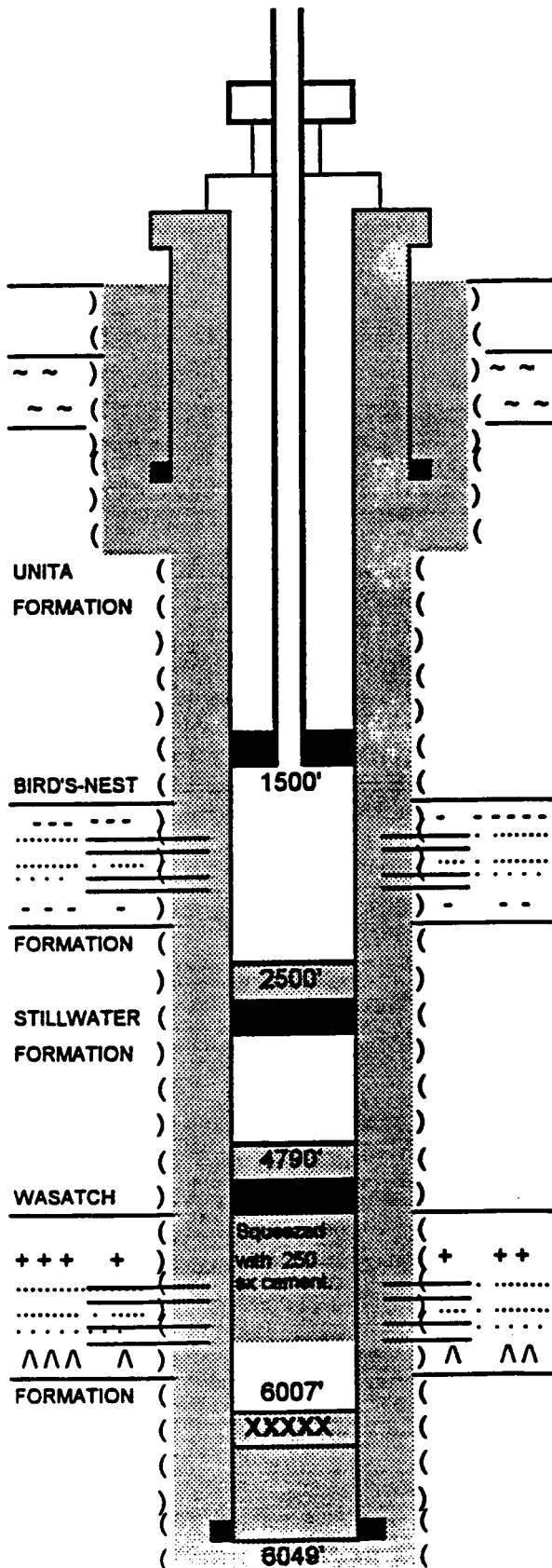
Location: NE SW SEC. 35, T9S - R21E

County: UINTAH, UATH

Date: 08/04/93

ELEVATION G.L.: 5082'

ELEVATION K.B.: 5094'



Fresh Water Zone Depth: Possibly 1600' TO Surface

Surface Casing: 8 5/8" K-55 Cement with 150 sxs

Surface Pipe Shoe Depth: 275'

Tubing: 2 3/8"

Secondary Cement Top: Surface

Primary Cement Top: 1660'

Injection Formation: Bird's-Nest

Packer at: 1500'

Top of perforations: 1600'

Bottom of perforations: 1830'

Bridge Plug: 2500' with 5 sx cement on top

Retainer: 4790' with 10 sx cement on top

Producing Formation: Wasatch

Top of perforations: 4988'

Bottom of perforations: 5957'

Hole Size: 7 7/8"

Production Casing: 5 1/2" J-55 17# CMT W/ 635 SX

PBTD: 6007'

Total Depth: 6049'

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

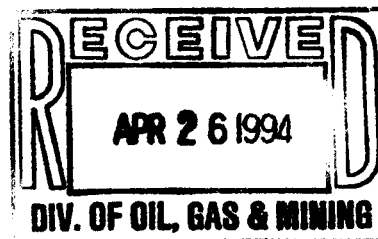
SUNDRY NOTICES AND REPORTS ON WELLS		5. Lease Designation and Serial Number: State U-01194
		6. If Indian, Allottee or Tribe Name: N/A
Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.		7. Unit Agreement Name: Natural Buttes Unit
1. Type of Well: OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER:		8. Well Name and Number: NBU #159
2. Name of Operator: Coastal Oil & Gas Corporation		9. API Well Number: 43-047-31996
3. Address and Telephone Number: P.O. Box 749, Denver, CO 80201-0749 (303) 573-4476		10. Field and Pool, or Wildcat: Natural Buttes
4. Location of Well Footages: 1958' FSL & 1945' FWL QQ, Sec., T., R., M.: NE/SW Section 35-T9S-R21E		County: Uintah State: Utah

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT (Submit in Duplicate)	SUBSEQUENT REPORT (Submit Original Form Only)
<input type="checkbox"/> Abandonment <input type="checkbox"/> Casing Repair <input type="checkbox"/> Change of Plans <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> Fracture Treat <input type="checkbox"/> Multiple Completion <input type="checkbox"/> Other _____	<input type="checkbox"/> Abandonment <input type="checkbox"/> Casing Repair <input type="checkbox"/> Change of Plans <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> Fracture Treat <input checked="" type="checkbox"/> Other <u>Convert to Water Disposal</u>
<input type="checkbox"/> New Construction <input type="checkbox"/> Pull or Alter Casing <input type="checkbox"/> Recompletion <input type="checkbox"/> Shoot or Acidize <input type="checkbox"/> Vent or Flare <input type="checkbox"/> Water Shut-Off	<input type="checkbox"/> New Construction <input type="checkbox"/> Pull or Alter Casing <input type="checkbox"/> Shoot or Acidize <input type="checkbox"/> Vent or Flare <input type="checkbox"/> Water Shut-Off
Approximate date work will start _____	Date of work completion _____ Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form. * Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Please see the attached chronological history to convert the above referenced well to a water disposal well.



13. Name & Signature: [Signature] Title: Joe Adamski Date: 4/21/94
Environmental Coord.

(This space for State use only)

NBU #159 (CONVERT TO SWD)
NE/SW SECTION 35-T9S-R21E
NATURAL BUTTES UNIT
UINTAH COUNTY, UTAH
WI: 60% COGC AFE: 14420, 14421, 14422
TD: 6049' (WASATCH) SD: 7/24/91
CSG: 5-1/2" @ 6049'
PERFS: 4988'-5957' (WASATCH)
CWC(M\$): \$

PAGE 3

- 2/24/94 PO: Prep to set cmt retainer. MIRU Western CO. Cmt 8-5/8 - 5-1/2 csg annulus w/ 10 bbls mud flush, 75 sxs PSL w/3% CaCl₂, 8% gel, 1/2# sk KwikSeal, 20 sxs Cl "G" and 3% CaCl₂, 82 sxs Super G, 20#/sk POZ, 17# sk CSE, 2% CaCl₂ and .7% CF₂. MTP 75 psi, ATP 25 psi, 0 psi 5 min later (no vac). MIRU. Kill well w/3% KCl. ND WH, NU BOP. POOH w/2-3/8" tbg. SDFN.
DC: \$6,270 TC: \$6,270
- 2/25/94 PO: SI WOC. RU Cutters WLS. RIH & set cmt retainer @ 4790'. RIH w/2-3/8" tbg, sting into retainer. Sqz Wasatch perfs 4988' - 5959' w/250 sxs Cl "G" to 2000 psi, sting out of retainer, dmp 15 sxs cmt on retainer. PU & reversed out 1 bbl cmt. POOH w/tbg. RU WL. Set CIBP @ 3510'. Dmpd 5 sxs cmt on CIBP w/bailer. RD. SI. Will run GR. CBL 2/28/94.
DC: \$11,510 TC: \$17,780
- 3/1/94 PO: WOC. RU Cutter WLS. Ran GR CCL-CBL from 2452' to surf w/1000 psi on csg. Good bond from TD to top of cmt @ 420'. Press tst 8-5/8 - 5-1/2 csg. Break dn @ 150 psi. RU Western cmt 8-5/8 - 5-1/2 csg annulus w/40 sxs PSL & 8% gel & 3% CaCl₂ & 1/2#/sk Kwik Seal. MTP 400 psi, held 200 psi when SD. Still press 45 min later. RDMO.
DC: \$5,740 TC: \$23,520
- 3/4/94 PO: Prep to Acdz perfs. RU Cutters WLS. Ran GR-CCL-CBL from 663' - surf. Good Bond. Top of cmt @ surf. Perf Trona zone w/4" csg gun 1600' - 1830' (128 holes). RD WL. RIH w/2-3/8" tbg to 1800'. Made 20 swb runs, rec 40 BW (total load 40 bbls). No fluid entry in 1.5 hrs. SDFN. IFL @ surf, FFL @ 1750'.
DC: \$5,580 TC: \$29,100
- 3/5/94 PO: SI for static BHP test. SITP 50 psi, SICP 25 psi. Swb FL @ 1650', rec 1/2 BW. Ran tbg to 1830'. RU Western. Acdz perfs w/3000 gals 15% HCl & 200 BS as follows: Spot 5-1/2 bbls acid across perfs. PU tbg to 1550'. Brk dn perfs w/64-1/2 bbls acid & 200 BS. RD @ 400 psi. 15 BPM @ 3400 psi, ball act to 4000 psi did not ball off. ISIP 900 psi, 15 min 700 psi. Flwd 15 min, rec 15 BW. Made 1 swb run, flwd 40 BW. Made 26 swb runs, rec 132 BW. Total rec 187 BW. Ran inj tst - 4 BPM @ 0 psi. Total load 121 bbls.
DC: \$8,850 TC: \$37,950
- 3/8/94 PO: Prep to run Integrity tst for EPA. RU Sun OWS. Ran static BHP - 651 psi @ 1715'. Grad .451 psi/ft. POOH & LD tbg. PU Arrowset 1-X pkr (int. & ext. plast. coated) 49 jts 2-3/8 PVC lined tbg. Circ hole w/pkr fluid. Set pkr @ 1548'. ND BOP, NU WH. Press tst tbg - csg annulus to 500 psi, ok. RDMO.
DC: \$12,730 TC: \$50,680
- 3/9/94 PO: Installing surf equip. Ran integrity tst for EPA. Press tbg - csg annulus to 500 psi for 1 hr. No press loss. Tst witnessed by David Hackford w/Utah St. DOGM.
DC: \$500 TC: \$51,180

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

1. Type of Well: OIL <input type="checkbox"/> GAS <input type="checkbox"/> OTHER: disposal	5. Lease Designation and Serial Number: State U-01194
2. Name of Operator: Coastal Oil & Gas	6. If Indian, Allottee or Tribe Name: N/A
3. Address and Telephone Number: P.O. Box 1148 Vernal, Utah 84078 801-789-4433	7. Unit Agreement Name: Natural Buttes Unit
4. Location of Well Footages: 1958' FSL & 1945' FWL OO, Sec., T., R., M.: NE/SW Sec. 35-T9S-R21E	8. Well Name and Number: NBU 159
	9. API Well Number: 43-047-31996
	10. Field and Pool, or Wildcat: Natural Buttes Field
	County: Uintah State: Utah

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT (Submit in Duplicate)

- | | |
|--|---|
| <input type="checkbox"/> Abandonment | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Recompletion |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Shoot or Acidize |
| <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other _____ | |

Approximate date work will start _____

SUBSEQUENT REPORT (Submit Original Form Only)

- | | |
|--|---|
| <input type="checkbox"/> Abandonment | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Shoot or Acidize |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Other _____ | |

Date of work completion _____

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Coastal Oil & Gas would like to change the injection vol. from 350 barrels per day to 1250 barrels per day.

Accepted by the State
of Utah Division of
Oil, Gas and Mining

Date: 7-21-94

By: *[Signature]*

JUL 21 1994

13.

Name & Signature:

Paul Breshears

Title:

Area Prod Foreman

Date:

7-1-94

(This space for State use only)

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such purposes

1. Type of Well: OIL ☐ GAS ☒ OTHER:

2. Name of Operator

Coastal Oil & Gas Corporation

3. Address and Telephone Number.

P.O. Box 749, Denver, CO 80201-0749

(303) 573-4455

4. Location of Well

Footages: 1958' FSL & 1945' FWL

QQ, Sec., T., R., M.: NESW Section 25 T9S-R21E

5. Lease Designation and Serial Number

State U-01194

6. Indian, Allottee or Tribe Name:

N/A

7. Unit Agreement Name:

Natural Buttes Unit

8. Well Name and Number:

NBU 159

9. API Well Number:

43-047-31996

10. Field and Pool, or Wildcat

Natural Buttes Field

County: Uintah

State: Utah

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT (Submit in Duplicate)

- | | |
|--|---|
| <input type="checkbox"/> Abandon | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Recomplete |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Perforate |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other _____ | |

Approximate date work will start _____

SUBSEQUENT REPORT (Submit Original Form Only)

- | | |
|--|---|
| <input type="checkbox"/> Abandon* | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Perforate |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Other <u>Clean up location</u> | |

Date of work completion _____

Report results of **Multiple Completions** and **Recompletions** to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

As a result of a notification from Dan Jamis with the State of Utah on 10/22/97, the subject well is being cleaned up. General housekeeping was completed on the location, including repairing the leaking tanks and pump and removing the oil staining. Oil from the pit is being removed and will be completed as soon as the weather allows.

13.

Name & Signature

Sheila Bremer

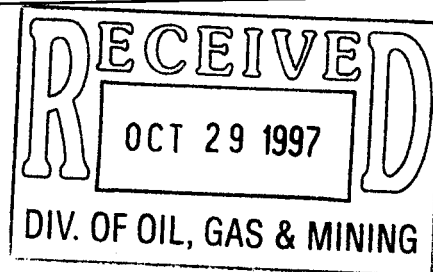
Title

Sheila Bremer

Environmental & Safety Analyst

Date October 24, 1997

(This space for State use only)



STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

5. Lease Designation and Serial Number:
ST U-01194

6. If Indian, Allottee or Tribe Name:
N/A

7. Unit Agreement Name:
Natural Buttes Unit

8. Well Name and Number:
NBU 159

9. API Well Number:
43-047-31996

10. Field and Pool, or Wildcat:
Natural Buttes Field

1. Type of Well:

OIL ☐ GAS ☐ OTHER: SWD

2. Name of Operator:

Coastal Oil & Gas Corporation

3. Address and Telephone Number:

P.O. Box 749, Denver, CO 80201-0749

(303) 573-4455

4. Location of Well

Footages: 1958' FSL & 1945' FWL

County: Uintah

QQ, Sec., T., R., M.: NE/SW Section 35-T9S-R21E

State: Utah

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT (Submit in Duplicate)

- | | |
|--|---|
| <input type="checkbox"/> Abandon | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Recompletion |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Perforate |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Other Dispose Ouray Field Water in NBU 159 | |

Approximate date work will start Upon Approval

SUBSEQUENT REPORT (Submit Original Form Only)

- | | |
|--|---|
| <input type="checkbox"/> Abandon * | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Perforate |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other | |

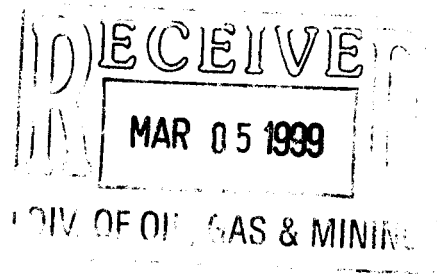
Date of work completion

Report results of bMultiple CompletionsC and bRecompletionsC to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Operator requests permission to dispose of produced water from Ouray Field wells into the NBU 159 as requested in the December 11, 1998, letter from Buys & Associates (attached).



13.

Name & Signature:

Sheila Bremer

Title Sheila Bremer

Environmental & Safety Analyst

Date

03/03/99

(This space for State use only)

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

DATE: 3-8-99

BY: *D. Jones*

(See Instructions on Reverse Side)

COPY SENT TO OPERATOR

Date: 3-15-99

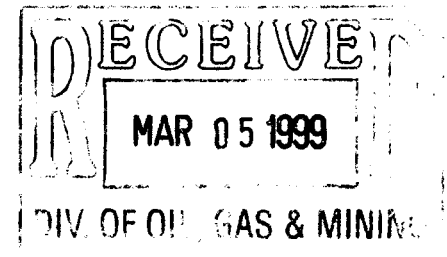
Initials: *CHD*

United States Environmental Protection Agency
Region VIII
999 18th Street - Suite 500
Denver, Colorado 80202-2466

December 11, 1998

ATTN: Mr. Dan Jackson, Environmental Specialist
Mail Code: 8P-W-GW

Re: Request for Minor Modification
EPA Permit No. UT2718-03784
Natural Buttes #159
Uintah County, Utah



Dear Mr. Jackson:

Coastal Oil and Gas Corporation requests a minor modification to the referenced permit, allowing injection disposal of produced water from additional oil/gas wells. Produced water from the following wells will be injected:

<u>Well Name</u>	<u>Legal Location</u>	<u>Producing Formation</u>	<u>Monthly Volume(hhls)</u>
Ankerpont 35 #36	35-8S-21E	Wasatch	15
Black 6 #35	6-9S-21E	Wasatch	38
Ankerpont 31 #12	31-8S-21E	Wasatch	9
Ankerpont etal 2 #6	2-9S-21E	Wasatch	30
Blue Feather 4 #30	4-9S-21E	Wasatch	3
Cesspooch etal 5 #14	5-9S-21E	Wasatch	18
DM Ice Fri 34 #22	34-8S-20E	Wasatch	6
Duncan Federal 33 #9	33-8S-21E	Wasatch	61
Federal 35 #5	35-8S-21E	Wasatch	8
Hall etal 31 #18	31-8S-22E	Wasatch	15
Jenks #11	5-9S-21E	Wasatch	30
K Snow Knight 4 #23	4-9S-20E	Wasatch	38
Kurip #27	1-9S-20E	Wasatch	15
Mtn Lion etal 34 #2	34-8S-21E	Wasatch	152
Pawwinnee etal 3 #10	3-9S-21E	Wasatch	30

<u>Well Name</u>	<u>Legal Location</u>	<u>Producing Formation</u>	<u>Monthly Volume(bbls)</u>
Pinnacoose 6 #3	6-9S-21E	Wasatch	5
Post 3 #24	3-9S-20E	Wasatch	12
Serawop 4 #13	4-9S-21E	Wasatch	30
State 31 #32	31-8S-22E	Wasatch	46
State 32 #21	32-8S-21E	Wasatch	30
Tabbee 34 #20	34-8S-20E	Wasatch	8
Ute Tribal 35 #19	35-8S-21E	Wasatch	30
Ute Tribal 35-16 #16	35-8S-20E	Wasatch	5
Weeks 6 #29	6-9S-21E	Wasatch	21
Wissiuup #15	36-8S-20E	Wasatch	3
Wyasket #26	33-8S-20E	Wasatch	38
Pawwinnee 34 #49	34-8S-21E	Wasatch	30

Total Water Production = 729 bbl/month

Currently there is no water production from the following wells. However, should they begin producing water Coastal requests permission for injection disposal.

<u>Well Name</u>	<u>Legal Location</u>	<u>Producing Formation</u>	<u>Monthly Volume(bbls)</u>
Black #44	5-9S-21E	Wasatch	0
State 35 #52	35-8S-21E	Green River	0
Ute Tribal 36 #17	36-8S-21E	Wasatch	0
Ute Tribal 6 #1	6-9S-22E	Wasatch	0
Federal 31 #57	31-8S-21E	Green River	0
Hall 30 #58	30-8S-22E	Green River	0
Shoyo 37 #37A	3-9S-21E	Wasatch	0
Tribal 1 #54	1-9S-21E	Green River	0
Tribal 2 #50	2-9S-21E	Green River	0
Tribal 31 #55A	31-8S-22E	Green River	0
Tribal 35 #51	35-8S-21E	Green River	0
Tribal 36 #53	36-8S-21E	Green River	0
Tribal 6 #56	6-9S-22E	Green River	0


Attached to this application are three produced water analyses from the Conoco Jenks 5-11 (Wasatch), Conoco Mt. Lion 34-2 (Mesa Verde/Wasatch) and Conoco Tribal 31-55A (Upper Green River) wells. We believe these water analysis characterize the waters proposed for injection.

Our review of the water analyses indicates there is no potential for damage to the wellbore, the annular cement or the injection formation.

ASSOCIATES
PAGE 04

Your prompt review of this application would be greatly appreciated. Should you have need of additional information or have questions regarding this application, please do not hesitate to call (303-730-2500).

Yours truly,


Jim Kenney, PG 547
Environmental Engineer

cc: Elayne Willie, Environmental Director
Ute Indian Tribe
P.O. Box 190
Fort Duchesne, Utah 84026

Jerry Kenczka
BLM-Vernal District
170 South 500 East
Vernal, Utah 84078

Gilbert Hunt
State of Utah Natural Resources
Division of Oil, Gas and Mining
1594 West North Temple
Suite 1210
P.O.Box 145801
Salt Lake City, Utah 84114-5801

Sheila Bremer
Coastal oil & Gas Corporation
600 Seventeenth Street
Suite 800 South
Denver, Co. 80201-0749

c:\data\wp\cog-uic.wpd

STATE OF UTAH
DIVISION OF OIL GAS AND MINING

INJECTION WELL - PRESSURE TEST

Well Name: <u>NBU 159</u>	API Number: <u>43-047-31996</u>
Qtr/Qtr: <u>NE/SW</u> Section: <u>35</u>	Township: <u>9S</u> Range: <u>2/E</u>
Company Name: <u>C.O.G.C.</u>	
Lease: State <u>Fee</u>	Federal <u>X</u> Indian <u> </u>
Inspector: <u>David W. Hackford</u>	Date: <u>7/2/99</u>

Initial Conditions:

Tubing - Rate: 1010 BWPD Pressure: 0 psiCasing/Tubing Annulus - Pressure: 0 psi

Conditions During Test:

Time (Minutes)	Annulus Pressure	Tubing Pressure
0	<u>330</u>	<u>0</u>
5	<u>330</u>	<u>0</u>
10	<u>330</u>	<u>0</u>
15	<u>330</u>	<u>0</u>
20	<u>330</u>	<u>0</u>
25	<u>330</u>	<u>0</u>
30	<u>330</u>	<u>0</u>

Results: Pass/Fail

Conditions After Test:

Tubing Pressure: 0 psiCasing/Tubing Annulus Pressure: 0 psi

COMMENTS: _____

Carroll Estes
Operator Representative

Mechanical Integrity Test Casing/Annulus Pressure Test

U.S. Environmental Protection Agency
Underground Injection Control Program, UIC Implementation Section, 8WM-DW
999 18th Street, Suite 500, Denver, CO 80202-2466

EPA Witness: DAVE HACKFORD - STATE OF UTAH Date 7/7/99 Time 10:00 am/pm
Test conducted by: CARROLL ESTES - PRODUCTION FOREMAN
Others present: DAVE HACKFORD - STATE OF UTAH, B&L SERVICES

Well name <u>NB 159 SWD</u>	EPA Number <u>UT2718-03784</u>
Field name <u>NATURAL BUTTES UNIT</u>	
Location <u>NE/SW</u> qtr qtr; <u>35</u> Section; <u>9S</u> Township; <u>21E</u> Range	
Owner/Operator <u>COASTAL OIL & GAS COMPANY</u>	

Time	Test #1	Test #2	Test #3
0 min	<u>330</u> psig	_____ psig	_____ psig
5	<u>330</u>	_____	_____
10	<u>330</u>	_____	_____
15	<u>330</u>	_____	_____
20	<u>330</u>	_____	_____
25	<u>330</u>	_____	_____
30 min	<u>330</u>	_____	_____
35	_____	_____	_____
40	_____	_____	_____
45	_____	_____	_____
50	_____	_____	_____
55	_____	_____	_____
60 min	_____	_____	_____
Tubing press	<u>0</u> psig	_____ psig	_____ psig

Result (circle) Pass Fail Pass Fail Pass Fail

Signature of Witness: Carroll Estes
David W. Hackford (DOGM)

WESTVIEW PORTABLE WELL DATA MONITOR

CO NAME: COASTAL

CO REP: CARROLL ESTES

WELL NAME: NBU 159

JOB DES: PRESSURE TEST

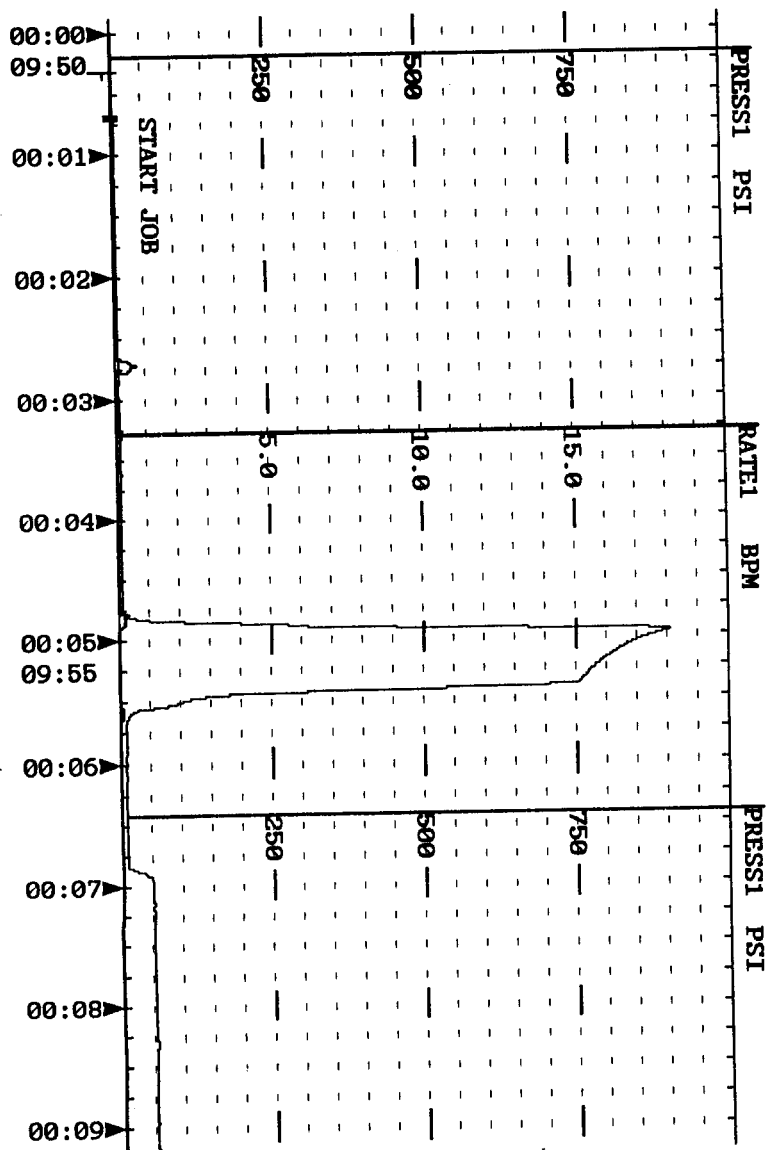
RECEIPT: 122310403

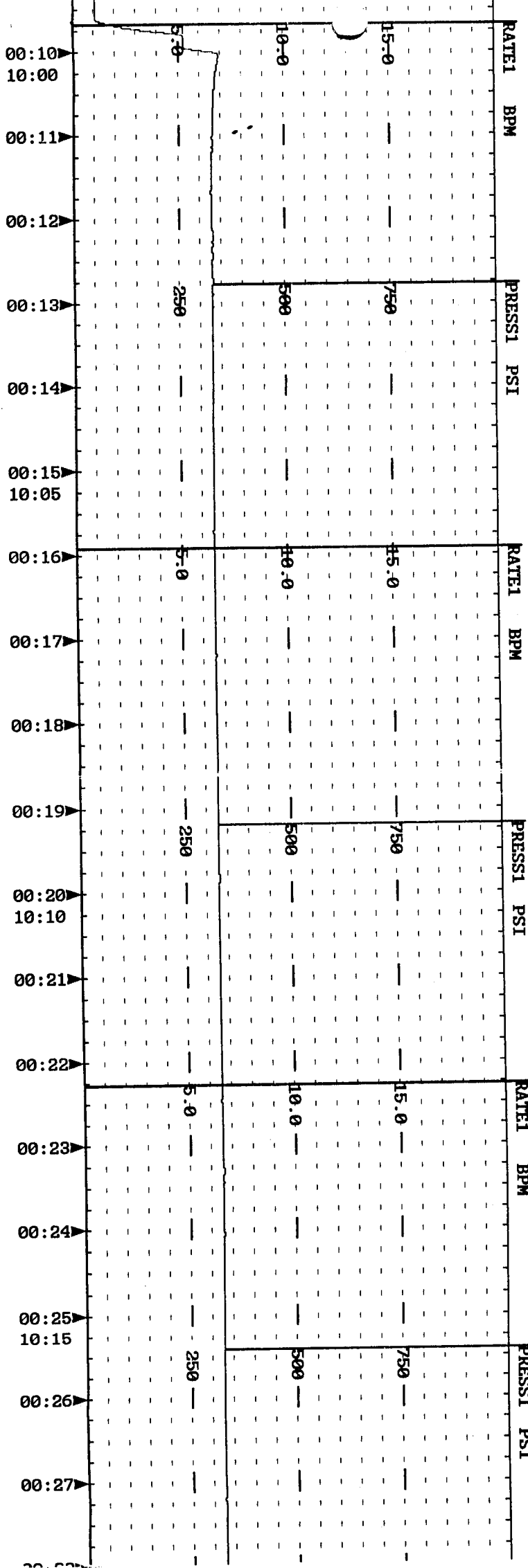
WPS REP: EDWARDS

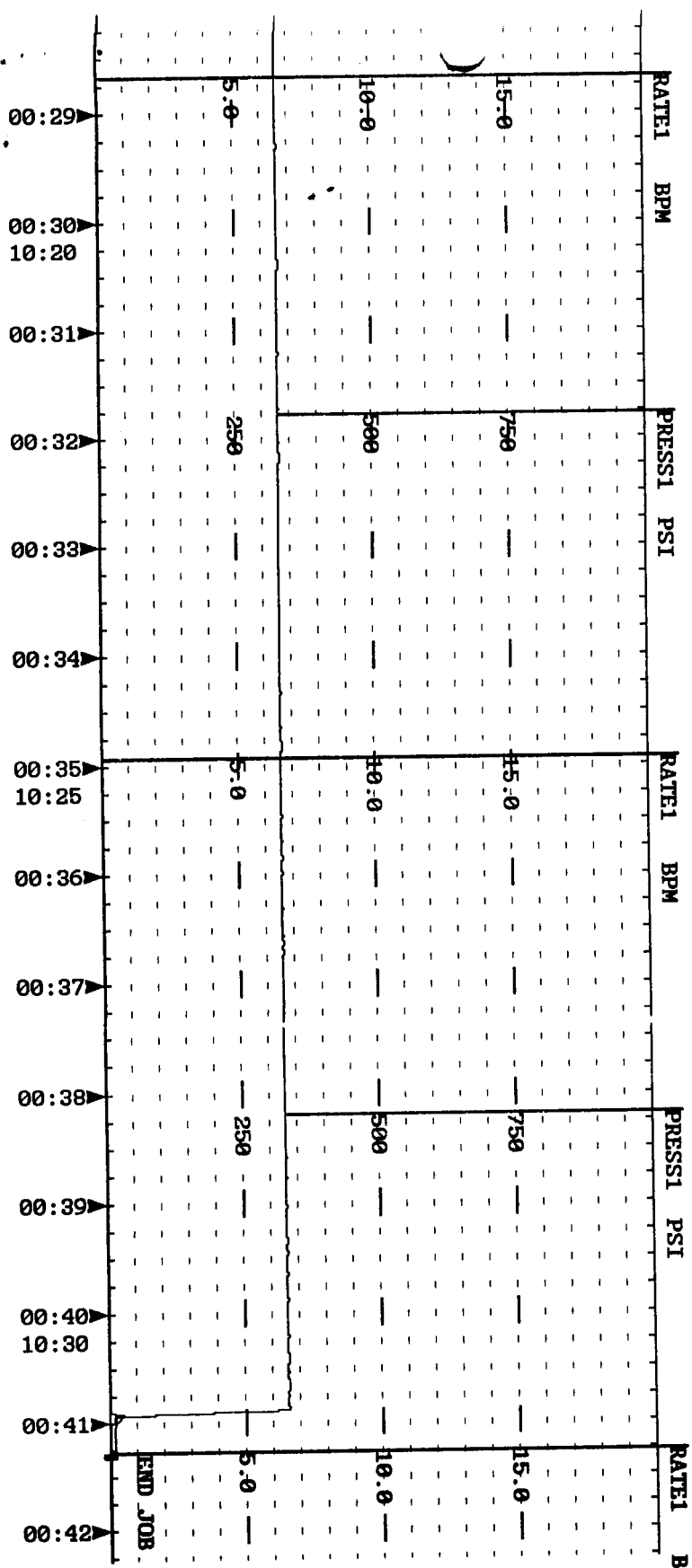
DATE: 07/07/99 TIME: 09:50:43

COMMENTS: _____

Ch#	Title	Range	Units	Line Type
1	PRESS1	0-1000	PSI	Thin
2	RATE1	0.0-20.0	BPM	Med







EVENT SUMMARY

TIME	CODE	DESCRIPTION
09:50:43	1	START JOB
10:31:32	2	END JOB

END OF JOB TOTALS

CHANNEL	TOTAL
STG TOT	0
JOB TOT	0

----- END OF JOB -----

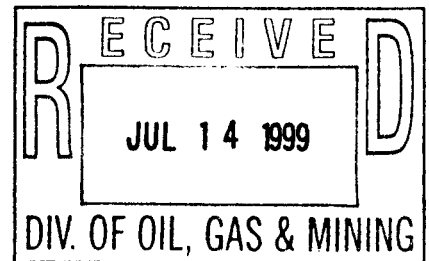


July 12, 1999

U.S. Environmental Protection Agency
Region 8
999 18th Street, Suite 500
Denver, CO 80202-2466

ATTENTION: John Carson
8ENF-T

43-047-31996 Sec. 35, T. 9S., R. 21E.
NBU #159 (EPA No. UT2718-03784
Natural Buttes Field
Uintah County, UT



Dear Mr. Carson

Enclosed are the test results for the mechanical integrity test conducted on July 17, 1999, for the NBU #159 location, witnessed by David Hackford with the UT Division of Oil Gas & Mining.

If you have questions or need additional information, please do not hesitate to call me, (435) 781-7023.

Sincerely,

Cheryl Cameron
Environmental Analyst

Coastal Oil & Gas Corporation

A SUBSIDIARY OF THE COASTAL CORPORATION
1368 S 1200 E • P.O. BOX 1148 • VERNAL UT 84078 • 435/789-4433 • FAX 435/789-4436

cc w/ encl: Mr. Ferron Secakuku
Ute Tribe
Energy & Minerals Resource Department
P.O. Box 70
Ft. Duchesne, UT 84026

Mr. Charles H. Cameron
Bureau of Indian Affairs
Uintah & Ouray Agency
Office of Minerals & Mining
P.O. Box 130
Ft. Duchesne, UT 84026

Brad Hill
State of Utah
Division of Oil Gas & Mining
1594 West North Temple, Suite 1210
Salt Lake City, UT 84114

David Howell
Bureau of Land Management
Vernal Field Office
170 South 500 East
Vernal, UT 84078

BJ SERVICES COMPANY
WESTVIEW PORTABLE WELL DATA MONITOR

CO NAME: COASTAL

CO REP: KEN

WELL NAME: ~~XXXXXXXXXX~~ N30.159

JOB DES: CASING TEST

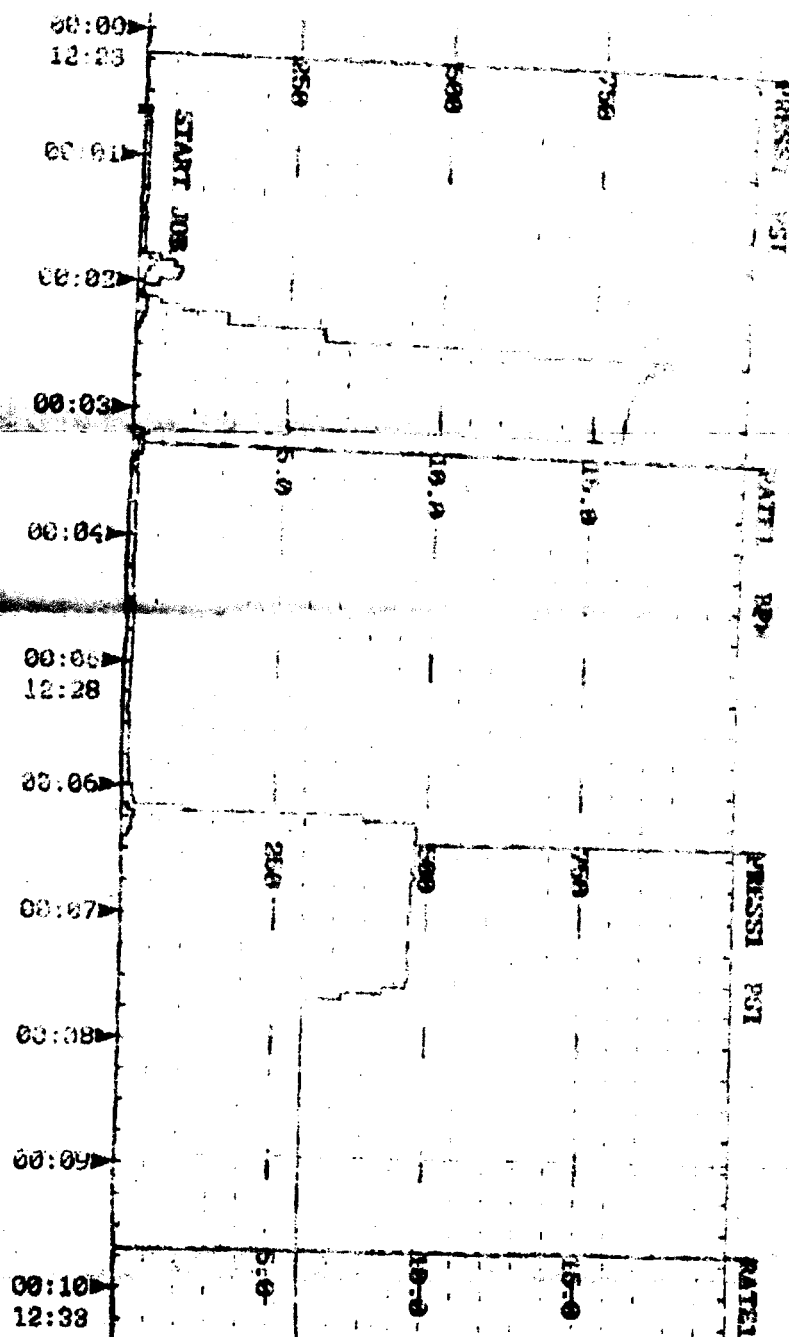
RECEIPT: ~~XXXXXXXXXX~~ 12310028

WPS REP: EDWARDS

DATE: 07/25/00 TIME: 12:23:40

COMMENTS:

Ch#	Title	Range	Units	Line Type
1	PRESS1	0-1300	PSI	Thin
2	RATE1	0.0-20.0	gpm	Thick



00:12

00:13

00:14

00:15
12:38

00:16

00:17

00:18

00:19

00:20
12:43

00:21

00:22

00:23

00:24

00:25
12:48

00:26

00:27

00:28

00:29

00:30
12:53

00:31

00:32

PRESSI PSI

PATEI RPM

PRESSI PSI

PATEI RPM

PRESSI PSI

PATEI RPM

PRESSI PSI

250

500

750

5.0

10.0

15.0

250

500

750

5.0

10.0

15.0

250

500

750

5.0

10.0

15.0

250

500

750

00:33

00:34

00:35

12:52

00:36

00:37

00:38

00:39

00:40

13:03

00:41

00:42

00:43

00:44

00:45

13:08

00:46

00:47

00:48

00:49

00:50

13:13

00:51

00:52

PSI

RATE

PSI

PSI

PSI

RATE

PSI

PSI

PSI

RATE

PSI

PSI

PSI

00:54	5.0	10.0	15.0	RATE1	END
00:55					
13:18					
00:56					
00:57					
00:58	5.0	10.0	15.0	RATE1	PSI
00:59					
01:00					
13:23	5.0	10.0	15.0	RATE1	END
01:01					
01:02					
01:03					
01:04	5.0	10.0	15.0	RATE1	PSI
END JOB					

EVENT SUMMARY

TIME	CODE	DESCRIPTION
13:23:40	1	START JOB
13:32:41	2	END JOB

END OF JOB TOTALS

CHANNEL	TOTAL
SW TOT	0
JOB TOT	0

END OF JOB

not
there
4/30/2001

Copy

Mechanical Integrity Test Casing or Annulus Pressure Test

U.S. Environmental Protection Agency
Underground Injection Control Program, UIC Implementation Section, 8WM-DW
999 18th Street, Suite 500, Denver, CO 80202-2466

EPA Witness: Kenneth Nielson Date 2/25/00 Time 12:00 am/pm am
Test conducted by: B.J. Services, Rex Edwards
Others present: Vernon Little, Nalani Kitchen

Well: NB4159

Field: NB

Well Location: 535-T95-R21E

Well ID: 159 43-047-31996

Company: Coastal

Address:

Time	Test #1	Test #2	Test #3
<u>1230pm</u>	<u>TB 4</u>	<u>CSG</u>	
0 min	<u>300</u> psig	<u>300</u> psig	_____ psig
5	<u>0</u>	<u>300</u>	_____
10	<u>0</u>	<u>290</u>	_____
15	<u>0</u>	<u>290</u>	_____
20	<u>0</u>	<u>290</u>	_____
25	<u>0</u>	<u>290</u>	_____
30 min	<u>0</u>	<u>290</u>	_____
35	<u>0</u>	<u>290</u>	_____
40	<u>0</u>	<u>290</u>	_____
45	<u>0</u>	<u>290</u>	_____
50	<u>0</u>	<u>290</u>	_____
55	<u>0</u>	<u>290</u>	_____
60 min	<u>0</u>	<u>290</u>	_____
Tubing press	<u>0</u> psig	<u>290</u> psig	_____ psig
Result (circle) Pass Fail		Pass Fail	Pass Fail

Signature of EPA Witness: Not Present
See back of page for any additional comments & compliance followup.

This is the front side of two sides



STIMULATION TREATMENT REPORT

Page 1

Date 25-JUL-00 District Vernal F.Receipt 212310028 Customer Coastal Oil & Gas Corp
 Lease NBU 159 Well Name NBU 159 Field NBU Location SEC. 35 T. 9S R.21E
 County Uintah State Utah Stage No 1 Well API

WELL DATA Well Type: OLD Well Class: GAS Depth TD/PB: 5000 Formation:
 Geometry Type Tubular Type OD Weight ID Grade Top Bottom Perf Intervals
TUBULAR CSG 5.5 17 4.892 J-55 0 3300 Top Bottom SPF Diameter
0 0 0 0

Packer Type N/A Packer Depth 0 FT

TREATMENT DATA

Fluid Type	Fluid Desc	Pumped Volume(Gals)	Prop. Description	Volume Pumped(Lbs)	LIQUID PUMPED AND CAPACITIES IN BBLS
TREATMENT FLUID	H2O	21	NO PROPPANT	0	Tubing Cap. <u>0</u>
			Total Prop Qty: <u>0</u>	0	Casing Cap. <u>0</u>
					Annular Cap. <u>0</u>
					Open Hole Cap. <u>0</u>
					Fluid to Load <u>.5</u>
					Pad Volume <u>0</u>
					Treating Fluid <u>80</u>
					Flush <u>0</u>
					Overflush <u>0</u>
					Fluid to Recover <u>0</u>

Previous Treatment N/A Previous Production N/A
 Hole Loaded With H2O Treat Via: Tubing ☐ Casing ☒ Anul. ☐ Tubing & Anul. ☐
 Ball Sealers: 0 In 0 Stages Type
 Auxiliary Materials

PROCEDURE SUMMARY

Time AM/PM	Treating Pressure-Psi		Surface Slurry BBLS. Pumped		Slurry Rate BPM	Comments
	STP	Annulus	Stage	Total		
12:25	900	0	0	0	0	PRESSURE TEST PUMP & LINES
12:30	0	300	0	0	3	START PRESSURE UP CASING
12:30	0	300	0	0	0	SHUT DOWN
12:35	0	300	0	0	0	5 MIN
12:40	0	290	0	0	0	10 MIN
12:45	0	290	0	0	0	15 MIN
12:50	0	290	0	0	0	20 MIN
12:55	0	290	0	0	0	25 MIN
01:00	0	290	0	0	0	30 MIN
01:05	0	290	0	0	0	35 MIN
01:10	0	290	0	0	0	40 MIN
01:15	0	290	0	0	0	45 MIN
01:20	0	290	0	0	0	50 MIN
01:25	0	290	0	0	0	55 MIN
01:30	0	290	0	0	0	60 MIN
01:32	0	0	0	0	0	CASING TEST DONE
01:32	0	0	0	0	0	THANKS! REX & CREW

Treating Pressure		Injection Rates		Shut In Pressures		Customer Rep.	Kenney
Minimum	290	Treating Fluid	.3	ISDP	290	BJ Rep.	Rex Edwards
Maximum	300	Flush	0	5 Min.	300	Job Number	212310028
Average	290	Average	.3	10 Min.	290	Rec. ID No.	
Operators Max. Pressure 500				15 Min.	290	Distribution	
				Final	290	In	60 Min.
				Flush Dens. lb./gal.	8.34		



STIMULATION TREATMENT REPORT

Page 1

Date 25-JUL-00 District Vernal F.Receipt 212310028 Customer Coastal Oil & Gas Corp
 Lease NBU 159 Well Name NBU 159 Field NBU Location SEC. 35 T. 9S R.21E
 County Uintah State Utah Stage No 1 Well API

WELL DATA Well Type: OLD Well Class: GAS Depth TD/PB: 5000 Formation:
 Geometry Type Tubular Type OD Weight ID Grade Top Bottom Perf Intervals
 TUBULAR CSG 5.5 17 4.892 J-55 0 3300 Top Bottom SPF Diameter
 0 0 0 0

Packer Type N/A Packer Depth 0 FT

TREATMENT DATA

Fluid Type	Fluid Desc	Pumped Volume(Gals)	Prop. Description	Volume Pumped(Lbs)
TREATMENT FLUID	H2O	21	NO PROPPANT	0
				Total Prop Qty: 0

LIQUID PUMPED AND CAPACITIES IN BBLs.

Tubing Cap.	0
Casing Cap.	0
Annular Cap.	0
Open Hole Cap.	0
Fluid to Load	.5
Pad Volume	0
Treating Fluid	80
Flush	0
Overflush	0
Fluid to Recover	0

Previous Treatment N/A Previous Production N/A
 Hole Loaded With H2O Treat Via: Tubing ☐ Casing ☒ Anul. ☐ Tubing & Anul. ☐
 Ball Sealers: 0 In 0 Stages Type
 Auxiliary Materials

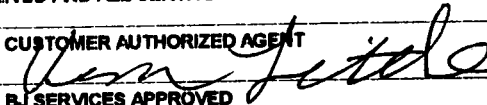
PROCEDURE SUMMARY

Time AM/PM	Treating Pressure-Psi		Surface Slurry BBLs. Pumped		Slurry Rate BPM	Comments
	STP	Annulus	Stage	Total		
12:25	900	0	0	0	0	PRESSURE TEST PUMP & LINES
12:30	0	300	0	0	3	START PRESSURE UP CASING
12:30	0	300	0	0	0	SHUT DOWN
12:35	0	300	0	0	0	5 MIN
12:40	0	290	0	0	0	10 MIN
12:45	0	290	0	0	0	15 MIN
12:50	0	290	0	0	0	20 MIN
12:55	0	290	0	0	0	25 MIN
01:00	0	290	0	0	0	30 MIN
01:05	0	290	0	0	0	35 MIN
01:10	0	290	0	0	0	40 MIN
01:15	0	290	0	0	0	45 MIN
01:20	0	290	0	0	0	50 MIN
01:25	0	290	0	0	0	55 MIN
01:30	0	290	0	0	0	60 MIN
01:32	0	0	0	0	0	CASING TEST DONE
01:32	0	0	0	0	0	THANKS! REX & CREW

Treating Pressure		Injection Rates		Shut In Pressures		Customer Rep.	
Minimum	290	Treating Fluid	.3	ISDP	290	BJ Rep.	Rex Edwards
Maximum	300	Flush	0	5 Min.	300	Job Number	212310028
Average	290	Average	.3	10 Min.	290	Rec. ID No.	
Operators Max. Pressure 500				15 Min.	290	Distribution	
				Final	290	In	60 Min.
				Flush Dens. lb./gal.	8.34		

BJ Services Company



CUSTOMER (COMPANY NAME) Coastal Oil & Gas Corp				CREDIT APPROVAL NO. REQ		PURCHASE ORDER NO.		CUSTOMER NUMBER 20018463 - 00253963		INVOICE NUMBER	
MAIL INVOICE TO :				STREET OR BOX NUMBER P.O. Box 1148		CITY Vernal		STATE Utah		ZIP CODE 84078	
DATE WORK COMPLETED		MO. 07	DAY 25	YEAR 2000	BJ SERVICES SUPERVISOR Rex Edwards		WELL TYPE : Old Well				
BJ SERVICES DISTRICT Vernal					JOB DEPTH (ft) 0		WELL CLASS : Gas				
WELL NAME AND NUMBER NBU 159					TD WELL DEPTH (ft) 5.000		GAS USED ON JOB : No Gas				
WELL LOCATION :		LEGAL DESCRIPTION SEC. 35 T. 9S R.21E			COUNTY/PARISH Uintah		STATE Utah		JOB TYPE CODE : Pump Stim - Misc		
PRODUCT CODE		DESCRIPTION				UNIT OF MEASURE	QUANTITY	LIST PRICE UNIT	GROSS AMOUNT	PERCENT DISC.	NET AMOUNT
F701		Acid Pump, 0 - 2500 psi				4hrs	1	900.000	990.00	35%	643.50
J227		Data Acquisition, Acid, Standard				job	1	900.000	900.00	35%	585.00
J390		Mileage, Heavy Vehicle				miles	60	3.800	228.00	35%	148.20
J391		Mileage, Auto, Pick-Up or Treating Van				miles	60	2.300	138.00	35%	89.70
SUB-TOTAL FOR Equipment									2,256.00	35%	1,466.40
FIELD ESTIMATE									2,256.00	35%	1,466.40
ARRIVE LOCATION :		MO. 07	DAY 25	YEAR 2000	TIME 11:15	SERVICE ORDER: I AUTHORIZE WORK TO BEGIN PER SERVICE INSTRUCTIONS IN ACCORDANCE WITH THE TERMS AND CONDITIONS PRINTED ON THE LAST PAGE OF THIS FORM AND REPRESENT THAT I HAVE AUTHORITY TO ACCEPT AND SIGN THIS ORDER.				SERVICE RECEIPT: I CERTIFY THAT THE MATERIALS AND SERVICES LISTED WERE RECEIVED AND ALL SERVICES PERFORMED IN A WORKMANLIKE MANNER.	
CUSTOMER REP. Kenney					SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS				CUSTOMER AUTHORIZED AGENT X 		
					CUSTOMER AUTHORIZED AGENT				X BJ SERVICES APPROVED		

BJ Services
CONDITIONS OF CONTRACT
Effective 08/19/96

CUSTOMER AND BJ SERVICES AGREE THAT THE SERVICES DESCRIBED ON THE FACE OF THIS SERVICE ORDER AND FIELD RECEIPT ARE TO BE PERFORMED SUBJECT TO AND IN CONSIDERATION OF THE FOLLOWING TERMS AND CONDITIONS:

1. **CUSTOMER.** For the purpose of this contract, the term Customer shall include agents, subsidiaries, joint ventures and partners of customers.
2. **WELL CONDITION.** Customer warrants that the well described on the face of this service order and field receipt is in proper condition to receive the products, supplies, materials, and services described herein.
3. **INDEPENDENT CONTRACTOR.** BJ Services is and shall be an independent contractor with respect to the performance of this contract and neither BJ Services nor anyone employed by BJ Services shall be the agent, representative, employee or servant of Customer in the performance of this contract or any part hereof.
4. **PRICE.** Customer agrees to pay BJ Services for the products, supplies, materials, and services described herein in accordance with BJ Services' current price list. In the event that BJ Services has agreed to charge Customer other than as set forth in such price list, the charges agreed upon by Customer and BJ Services shall be those set forth on the face of this service order and field receipt and the agreement of Customer thereto shall be conclusively established by its execution of the receipt set forth on the face of this service order and field receipt.
5. **TERMS.** Cash in advance unless BJ Services has approved credit prior to the sale. Credit terms for approved accounts are total invoice amount due on or before the 30th day from the date of the invoice at the address set forth therein. Past due accounts shall pay interest on the balance due at the rate of 1 1/4% per month or the maximum allowable under applicable state law if such law limits interest to a lesser amount. In the event it is necessary to employ a third party to effect collection of said account, Customer agrees to pay all fees of such third party directly or indirectly incurred for such collection.
6. **TAXES.** Customer agrees to pay all taxes based on or measured by the charges set forth on the face of this service order and field receipt.
7. **AMENDMENTS AND MODIFICATIONS.** No field employee of BJ Services shall be empowered to alter the terms and conditions of this contract and BJ Services shall not be bound by any changes or modifications in this contract unless made in writing by a duly authorized executive officer of BJ Services. By requesting the goods and services set forth herein, Customer agrees to all the terms and conditions contained on both sides of this service order and field receipt, which constitutes the entire agreement between the parties unless Customer and BJ Services have entered into a master service agreement or master work contract applicable to the services performed and products, supplies and materials furnished by BJ Services hereunder, in which event any term or provision of this service order and field receipt in conflict with the provisions thereof shall be deemed invalid to such extent. Subject only to the preceding sentence BJ Services hereby objects to any term of any purchase order, delivery ticket or receipt or other document that varies from or conflicts with the terms of this contract.
8. **SEVERABILITY.** It is understood and agreed by Customer and BJ Services that any term or provision of this contract prohibited by law shall be deemed invalid to the extent of such prohibition and shall be modified to the extent necessary to conform to such rule of law. Any term or provision of this contract not deemed invalid and modified pursuant to the preceding sentence shall remain in full force and effect without regard to such invalidity and modification.
9. **LIMITED WARRANTY.** BJ SERVICES WARRANTS ONLY TITLE TO PRODUCTS, SUPPLIES AND MATERIALS FURNISHED PURSUANT TO THIS CONTRACT AND THAT THE SAME WILL CONFORM TO THE DESCRIPTION SPECIFIED HEREIN AND ARE FREE FROM DEFECTS IN WORKMANSHIP AND MATERIALS. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED OF MERCHANTABILITY, FITNESS OR OTHERWISE WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. BJ SERVICES' LIABILITY AND CUSTOMERS EXCLUSIVE REMEDY IN ANY CAUSE OF ACTION (WHETHER IN CONTRACT, TORT, BREACH OR WARRANTY OR OTHERWISE) ARISING OUT OF THE SALE OR USE OF ANY PRODUCTS, SUPPLIES OR MATERIALS IS EXPRESSLY LIMITED TO THE REPLACEMENT OF SUCH PRODUCTS, SUPPLIES OR MATERIALS OR, AT BJ SERVICES' OPTION, TO THE ALLOWANCE TO THE CUSTOMER OF CREDIT FOR THE COST OF SUCH ITEMS. BJ SERVICES MAKES NO WARRANTIES FOR ANY EQUIPMENT, MATERIALS OR PRODUCTS MANUFACTURED BY THIRD PARTIES, BUT WILL PASS ON TO CUSTOMER ALL WARRANTIES OF THE MANUFACTURERS OF SUCH EQUIPMENT, MATERIALS OR PRODUCTS. BJ SERVICES IS UNABLE TO, AND DOES NOT, GUARANTEE THE ACCURACY OF ANY JOB RECOMMENDATION, RESEARCH ANALYSIS, DATA INTERPRETATION, OR OTHER INFORMATION FURNISHED TO CUSTOMER BY BJ SERVICES IN VIEW OF THE UNCERTAINTY OF WELL CONDITIONS AND THE RELIANCE BY BJ SERVICES AND CUSTOMER UPON INFORMATION AND SERVICES FURNISHED BY THIRD PARTIES. THEREFORE, NO WARRANTY EXPRESS OR IMPLIED IS GIVEN CONCERNING THE EFFECTIVENESS OF THE PRODUCTS, SUPPLIES OR MATERIALS USED, RECOMMENDATIONS GIVEN, OR SERVICES PERFORMED BY BJ SERVICES. CUSTOMER AGREES THAT BJ SERVICES SHALL NOT BE RESPONSIBLE FOR ANY DAMAGES ARISING FROM THE USE OF DATA FURNISHED BY BJ SERVICES. CUSTOMER ACCEPTS FULL RESPONSIBILITY FOR RETURNING THE WELL DESCRIBED ON THE FACE OF THIS SERVICE ORDER AND FIELD RECEIPT TO PRODUCTION. BJ SERVICES DOES NOT GUARANTEE THE EFFECTIVENESS OF THE PRODUCTS, SUPPLIES OR MATERIALS FURNISHED PURSUANT TO THIS CONTRACT NOR THE RESULTS OF ANY TREATMENT OR SERVICE IT PERFORMS HEREUNDER.
10. **FORCE MAJEURE.** Any delays or failure by BJ Services in the performance of this contract shall be excused if and to the extent caused by war, fire, flood, strike or other labor trouble, accident, riot, acts of God, or any other cause beyond the reasonable control of BJ Services.
11. **CHEMICAL DISPOSAL.** Customer agrees that all chemicals used in performance of this contract which are not removed from the location of the well by BJ Services shall be disposed of by Customer in accordance with all applicable federal, state and local laws and regulations.

12. **LIABILITY AND INDEMNITY OBLIGATIONS.** (A) BJ SERVICES SHALL PROTECT, DEFEND, INDEMNIFY, HOLD HARMLESS AND RELEASE CUSTOMER, ITS PARENT, SUBSIDIARY AND AFFILIATED COMPANIES AND ITS AND THEIR OFFICERS, DIRECTORS AND EMPLOYEES ("CUSTOMER GROUP") FROM AND AGAINST ALL CLAIMS, DEMANDS, LOSSES, LIABILITIES, PENALTIES, COSTS, EXPENSES (INCLUDING REASONABLE ATTORNEYS' FEES) AND CAUSES OF ACTION OF EVERY KIND AND CHARACTER (COLLECTIVELY, "CLAIMS") ARISING IN FAVOR OF (I) BJ SERVICES' EMPLOYEES OR THE EMPLOYEES OF BJ SERVICES' SUBCONTRACTORS ON ACCOUNT OF BODILY INJURY, DEATH OR DAMAGE TO PROPERTY OR (II) BJ SERVICES ON ACCOUNT OF DAMAGE TO BJ SERVICES' PROPERTY, EXCEPT AS OTHERWISE PROVIDED BELOW, INCLUDING, IN EACH CASE, CLAIMS CAUSED BY THE SOLE, JOINT AND/OR COMPARATIVE NEGLIGENCE, STRICT LIABILITY OR OTHER FAULT OF CUSTOMER GROUP.

(B) CUSTOMER SHALL PROTECT, DEFEND, INDEMNIFY, AND HOLD HARMLESS AND RELEASE BJ SERVICES, ITS PARENT, SUBSIDIARY AND AFFILIATED COMPANIES AND ITS AND THEIR OFFICERS, DIRECTORS AND EMPLOYEES ("BJ SERVICES GROUP") FROM AND AGAINST ALL CLAIMS ARISING IN FAVOR OF (I) CUSTOMER'S EMPLOYEES OR THE EMPLOYEES OF CUSTOMER'S OTHER CONTRACTORS OR THEIR SUBCONTRACTORS ON ACCOUNT OF BODILY INJURY, DEATH OR DAMAGE TO PROPERTY, OR (II) CUSTOMER ON ACCOUNT OF LOSS OR DAMAGE TO CUSTOMER'S PROPERTY, EXCEPT AS OTHERWISE PROVIDED BELOW, INCLUDING, IN EACH CASE, CLAIMS CAUSED BY THE SOLE, JOINT AND/OR COMPARATIVE NEGLIGENCE, STRICT LIABILITY OR OTHER FAULT OF BJ SERVICES GROUP.

(C) CUSTOMER SHALL PROTECT, DEFEND, INDEMNIFY, HOLD HARMLESS AND RELEASE BJ SERVICES GROUP FROM AND AGAINST ANY CLAIMS FOR POLLUTION OR CONTAMINATION, INCLUDING THE CLEANUP OR REMOVAL THEREOF ARISING OUT OF OR CONNECTED WITH THE PERFORMANCE BY BJ SERVICES OF SERVICES FOR THE CUSTOMER (AND NOT ASSUMED BY BJ SERVICES IN THE FOLLOWING SENTENCE) INCLUDING BUT NOT LIMITED TO CLAIMS THAT MAY RESULT FROM WELL FIRE, BLOWOUT, CRATERING, SEEPAGE OR ANY OTHER UNCONTROLLABLE FLOW OF OIL, GAS, WATER OR OTHER SUBSTANCES, INCLUDING CLAIMS CAUSED BY THE SOLE, JOINT AND/OR COMPARATIVE NEGLIGENCE, STRICT LIABILITY OR OTHER FAULT OF BJ SERVICES GROUP. BJ SERVICES SHALL PROTECT, DEFEND, INDEMNIFY, HOLD HARMLESS CUSTOMER GROUP FROM AND AGAINST ANY CLAIMS FOR POLLUTION OR CONTAMINATION, INCLUDING THE REMOVAL THEREOF, ORIGINATING ABOVE THE SURFACE OF THE EARTH FROM SPILLS, LEAKS OR DISCHARGES OF FUELS, LUBRICANTS, MOTOR OILS, PIPE DOPE, PAINT, SOLVENTS, SLUDGE OR GARBAGE IN THE POSSESSION AND CONTROL OF BJ SERVICES AND ASSOCIATED WITH CONTRACTORS' EQUIPMENT AND FACILITIES, EXCEPTING ANY POLLUTION IN RESERVE PITS FROM FLOWBACK INCIDENT TO B.J. SERVICES' OPERATIONS.

(D) CUSTOMER SHALL PROTECT, DEFEND, INDEMNIFY, HOLD HARMLESS AND RELEASE BJ SERVICES GROUP FROM AND AGAINST ANY AND ALL CLAIMS ARISING IN FAVOR OF CUSTOMER OR ANY THIRD PARTY INCLUDING, BUT NOT LIMITED TO, ANY GOVERNMENTAL ENTITY OR PARTY FOR WHOM CUSTOMER IS ACTING (INCLUDING CUSTOMER'S CO-WORKING INTEREST OWNERS) FOR ALL DAMAGES OR LOSSES RESULTING FROM PRODUCTS, SERVICES OR EQUIPMENT PROVIDED BY BJ SERVICES ON ACCOUNT OF (I) LOSS OF THE HOLE, (II) DAMAGE OR INJURY TO ANY DOWNHOLE PROPERTY OR ANY PROPERTY RIGHT IN OR TO OIL, GAS OR OTHER SUBSTANCES OR WATER (III) LOSS OR DAMAGE TO, OR CONTAMINATION OF, ANY FORMATIONS, STRATA OR RESERVOIRS BENEATH THE EARTH'S SURFACE, (IV) SUBSURFACE TRESPASS OR (V) ANY OTHER SIMILAR LOSSES OR DAMAGES, AND WITHOUT REGARD TO THE NEGLIGENCE OF ANY PARTY OR PARTIES, INCLUDING, IN EACH CASE, CLAIMS CAUSED BY THE SOLE JOINT AND/OR COMPARATIVE NEGLIGENCE, STRICT LIABILITY OR OTHER FAULT OF BJ SERVICES GROUP.

(E) CUSTOMER WILL ASSUME LIABILITY FOR BJ SERVICES' EQUIPMENT WHICH MAY BE LOST OR DAMAGED IN THE HOLE, REGARDLESS OF ANY NEGLIGENCE OF ANY PARTY, AND WILL AT ITS OWN EXPENSE AND RISK ATTEMPT TO RECOVER SUCH EQUIPMENT. THE VALUE OF ANY UNRECOVERABLE, LOST OR DAMAGED EQUIPMENT SHALL BE REIMBURSED BY CUSTOMER AT THE FAIR MARKET VALUE ON THE DATE OF LOSS OF SUCH EQUIPMENT, BUT IN NO EVENT AT A VALUE LESS THAN 80% OF THE THEN CURRENT REPLACEMENT COST.

(F) BJ SERVICES AND CUSTOMER AGREE TO SUPPORT THEIR INDEMNITY OBLIGATIONS HEREIN BY FURNISHING LIABILITY INSURANCE COVERAGE OR QUALIFIED SELF INSURANCE IN AN AMOUNT OF NO LESS THAN \$2,000,000. HOWEVER BJ SERVICES AND CUSTOMER AGREE AND INTEND THAT, TO THE FULLEST EXTENT ALLOWED FROM TIME TO TIME BY APPLICABLE LAW, THEIR RESPECTIVE INDEMNITIES UNDER THESE TERMS AND CONDITIONS ARE TO APPLY WITHOUT LIMIT, AND ARE NOT TO BE LIMITED TO THE AMOUNT OF INSURANCE EITHER OF THEM MAY FROM TIME TO TIME MAINTAIN OR AGREE TO MAINTAIN. IF IT SHOULD BE DETERMINED THAT THE INDEMNITY OBLIGATIONS ASSUMED HEREUNDER THAT ARE TO BE SUPPORTED EITHER BY INSURANCE OR SELF INSURANCE EXCEEDS THAT WHICH IS PERMITTED UNDER APPLICABLE LAW, THEN SUCH INDEMNITIES SHALL AUTOMATICALLY BE AMENDED TO CONFORM TO THE MONETARY LIMITS PERMITTED UNDER SUCH LAW.

13. **CONFIDENTIAL INFORMATION.** Customer and BJ Services will use their best efforts to maintain the confidentiality of all records and proprietary information obtained by either party in the performance of any services by BJ Services. Such information will not be disclosed by either party to its employees unless it is necessary in order to perform or evaluate such services, or to any third parties without the prior consent of the other party.

14. **WAIVER.** (A) Neither BJ Services nor Customer will be liable to the other for special, incidental, indirect or consequential damages resulting from or arising out of the products or equipment provided or the services performed by BJ Services hereunder, including but not limited to, loss of profit or revenue or business interruption losses, whether or not arising under an alleged breach of warranty or caused by the sole, joint and/or comparative negligence, strict liability or other fault of either party.

(B) Customer represents that it is a business consumer purchasing products and services from BJ Services for commercial use, that it has experience in business matters that enable it to evaluate the merits and risks of the purchase of such products and services, and that it is not in a significantly disparate bargaining position. Customer waives the provisions of the Texas Deceptive Trade Practices Act (other than section 17), as from time to time amended.

15. **GOVERNING LAW.** This contract shall be governed by the law of the State of Texas.

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL ☐ GAS WELL ☐ OTHER _____

2. NAME OF OPERATOR:
El Paso Production Oil & Gas Company

3. ADDRESS OF OPERATOR: 368 South 1200 East CITY Vernal STATE Utah ZIP 84078 PHONE NUMBER: 435-789-4433

4. LOCATION OF WELL

FOOTAGES AT SURFACE:

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

5. LEASE DESIGNATION AND SERIAL NUMBER:

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

8. WELL NAME and NUMBER:

9. API NUMBER:

10. FIELD AND POOL, OR WILDCAT:

COUNTY:

STATE:

UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

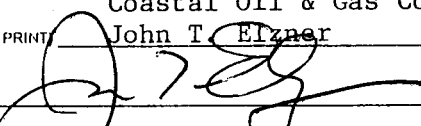
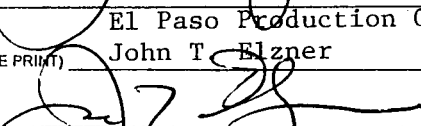
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: Name Change
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

As a result of the merger between The Coastal Corporation and a wholly owned subsidiary of El Paso Energy Corporation, the name of Coastal Oil & Gas Corporation has been changed to El Paso Production Oil & Gas Company effective March 9, 2001.

See Exhibit "A"

Bond # 400JU0708

Coastal Oil & Gas Corporation	
NAME (PLEASE PRINT) John T. Elzner	TITLE Vice President
SIGNATURE 	DATE 06-15-01
El Paso Production Oil & Gas Company	
NAME (PLEASE PRINT) John T. Elzner	TITLE Vice President
SIGNATURE 	DATE 06-15-01

(This space for State use only)

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DIVISION OF
OIL, GAS AND MINING

UIC FORM 5

Well Name and Number	API Number
EXHIBIT "A"	
Location of Well	Field or Unit Name
Footage : [REDACTED]	
County : [REDACTED]	
QQ, Section, Township, Range: [REDACTED]	Lease Designation and Number
State : UTAH	

CURRENT OPERATOR

Name: John T. Elzner
Signature: [Signature]
Title: Vice President
Date: 06-15-01

See EXHIBIT "A"

Name: John T. Elzner
Signature: [Signature]
Title: Vice President
Date: 06-15-01

Bond Number 400JU0708

Transfer approved by: [Signature]
Title: Tech. Services Manager

Comments: *Exhibit A as revised.*

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DIVISION OF OIL, GAS AND MINING

EXHIBIT "A"**NAME CHANGE FROM COASTAL OIL & GAS CORPORATION TO EL PASO PRODUCTION OIL & GAS COMPANY**

API Well No.	Well Name	Well Status	Well Type	Location(T-R)	Section
43-013-30361-00-00	ALLRED 2-16A3	Active Well	Water Disposal	1S-3W	16
43-013-30370-00-00	UTE TRIBAL 1-25A3	Producing Well	Oil Well	1S-3W	25
43-013-30362-00-00	BIRCH 2-35A5	Active Well	Water Disposal	1S-5W	35
43-013-30337-00-00	G HANSON 2-4B3 SWD	Active Well	Water Disposal	2S-3W	4
43-013-30038-00-00	LAKE FORK 2-23B4	Active Well	Water Disposal	2S-4W	23
43-013-30371-00-00	LINDSAY RUSSELL 2-32B4	Active Well	Water Disposal	2S-4W	32
43-013-30121-00-00	TEW 1-9B5	Active Well	Water Disposal	2S-5W	9
43-013-30391-00-00	EHRICH 2-11B5	Active Well	Water Disposal	2S-5W	11
43-013-30340-00-00	LDS CHURCH 2-27B5	Active Well	Water Disposal	2S-5W	27
43-013-30289-00-00	RHOADES MOON 1-36B5	Shut_In	Oil Well	2S-5W	36
43-013-30056-00-00	UTE 1-14C6	Active Well	Water Disposal	3S-6W	14
43-047-33597-00-00	NBU SWD 2-16	Spudded (Drilling commenced: Not yet completed)	Water Disposal	10S-21E	16
43-047-32344-00-00	NBU 205	Shut_In	Gas Well	10S-22E	9
43-047-15880-00-00	SOUTHMAN CANYON U 3	Active Well	Water Disposal	10S-23E	15
43-047-31822-00-00	UTE 26-1		Water Disposal	4S-1E	26
43-047-32784-00-00	STIRRUP STATE 32-6	Active Well	Water Injection	6S-21E	32
43-047-30359-00-00	NBU 21-20B	Active Well	Water Disposal	9S-20E	20
43-047-33449-00-00	OURAY SWD 1	Approved permit (APD); not yet spudded	Water Disposal	9S-21E	1
43-047-31996-00-00	NBU 159	Active Well	Water Disposal	9S-21E	35

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JUN 19 2001

DIVISION OF
OIL, GAS AND MINING

State of Delaware
Office of the Secretary of State

PAGE 1

I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF AMENDMENT OF "COASTAL OIL & GAS CORPORATION", CHANGING ITS NAME FROM "COASTAL OIL & GAS CORPORATION" TO "EL PASO PRODUCTION OIL & GAS COMPANY", FILED IN THIS OFFICE ON THE NINTH DAY OF MARCH, A.D. 2001, AT 11 O'CLOCK A.M.

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JUN 19 2001

DIVISION OF
OIL, GAS AND MINING



Harriet Smith Windsor
Harriet Smith Windsor, Secretary of State

0610204 8100

AUTHENTICATION: 1061007

010162788

DATE: 04-03-01

CERTIFICATE OF AMENDMENT

OF

CERTIFICATE OF INCORPORATION

COASTAL OIL & GAS CORPORATION (the "Company"), a corporation organized and existing under and by virtue of the General Corporation Law of the State of Delaware, DOES HEREBY CERTIFY:

FIRST: That the Board of Directors of the Company, by the unanimous written consent of its members, filed with the minutes of the Board, adopted a resolution proposing and declaring advisable the following amendment to the Certificate of Incorporation of the Company:

RESOLVED that it is deemed advisable that the Certificate of Incorporation of this Company be amended, and that said Certificate of Incorporation be so amended, by changing the Article thereof numbered "FIRST," so that, as amended, said Article shall be and read as follows:

"FIRST. The name of the corporation is El Paso Production Oil & Gas Company."

SECOND: That in lieu of a meeting and vote of stockholders, the stockholders entitled to vote have given unanimous written consent to said amendment in accordance with the provisions of Section 228 of the General Corporation Law of the State of Delaware.

THIRD: That the aforesaid amendment was duly adopted in accordance with the applicable provisions of Sections 242 and 228 of the General Corporation Law of the State of Delaware.

IN WITNESS WHEREOF, said COASTAL OIL & GAS CORPORATION has caused this certificate to be signed on its behalf by a Vice President and attested by an Assistant Secretary, this 9th day of March 2001.

COASTAL OIL & GAS CORPORATION



David L. Siddall
Vice President

Attest:


Margaret E. Roark, Assistant Secretary

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STATE OF DELAWARE
SECRETARY OF STATE
DIVISION OF CORPORATIONS
FILED 11:00 AM 03/09/2001
010118394 - 0610204

JUN 19 2001

DIVISION OF
OIL, GAS AND MINING

State of Delaware

Office of the Secretary of State PAGE 1

I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THAT THE SAID "COASTAL OIL & GAS CORPORATION", FILED A CERTIFICATE OF AMENDMENT, CHANGING ITS NAME TO "EL PASO PRODUCTION OIL & GAS COMPANY", THE NINTH DAY OF MARCH, A.D. 2001, AT 11 O'CLOCK A.M.

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JUN 19 2001

DIVISION OF
OIL, GAS AND MINING



0610204 8320

010202983

Harriet Smith Windsor
Harriet Smith Windsor, Secretary of State

AUTHENTICATION: 1103213

DATE: 04-27-01

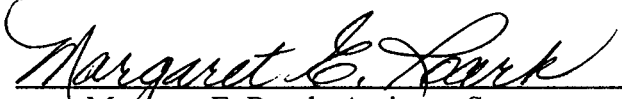
EL PASO PRODUCTION OIL & GAS COMPANY

CERTIFICATE OF INCUMBENCY

I, Margaret E. Roark, do hereby certify that I am a duly elected, qualified and acting Assistant Secretary of EL PASO PRODUCTION OIL & GAS COMPANY, a Delaware corporation (the "Company"), and that, as such, have the custody of the corporate records and seal of said Company; and

I do hereby further certify that the persons listed on the attached Exhibit A have been elected, qualified and are now acting in the capacities indicated, as of the date of this Certificate.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the corporate seal of El Paso Production Oil & Gas Company this 18th day of April 2001.


Margaret E. Roark, Assistant Secretary

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DIVISION OF
OIL, GAS AND MINING

OPERATOR CHANGE WORKSHEET

ROUTING

1. GLH		4-KAS ✓
2. CDW		5-LPV ✓ 6/25
3. JLT		6-FILE

Enter date after each listed item is completed

Change of Operator (Well Sold)

Designation of Agent

Operator Name Change (Only)

X MergerThe operator of the well(s) listed below has changed, effective: **3-09-2001**

FROM: (Old Operator):
COASTAL OIL & GAS CORPORATION
Address: 9 GREENWAY PLAZA STE 2721
HOUSTON, TX 77046-0995
Phone: 1-(713)-418-4635
Account N0230

TO: (New Operator):
EL PASO PRODUCTION OIL & GAS COMPANY
Address: 9 GREENWAY PLAZA STE 2721 RM 2975B
HOUSTON, TX 77046-0995
Phone: 1-(832)-676-4721
Account N1845

CA No.

Unit:

WELL(S)

NAME	API NO	ENTITY NO	SEC TWN RNG	LEASE TYPE	WELL TYPE	WELL STATUS
ALLRED 2-16A3	43-013-30361	99996	16-01S-03W	FEE	WD	A
BIRCH 2-35A5	43-013-30362	99996	35-01S-05W	FEE	WD	A
G HANSON 2-4B3 SWD	43-013-30337	99990	04-02S-03W	FEE	WD	A
LAKE FORK 2-23B4	43-013-30038	1970	23-02S-04W	FEE	WD	A
LINDSAY RUSSELL 2-32B4	43-013-30371	99996	32-02S-04W	FEE	WD	A
TEW 1-9B5	43-013-30121	1675	09-02S-05W	FEE	WD	A
EHRICH 2-11B5	43-013-30391	99990	11-02S-05W	FEE	WD	A
LDS CHURCH 2-27B5	43-013-30340	99990	27-02S-05W	FEE	WD	A
UTE 1-14C6	43-013-30056	12354	14-03S-06W	INDIAN	WD	A
SOUTHMAN CANYON U 3	43-047-15880	99990	15-10S-23E	FEDERAL	WD	A
STIRRUP STATE 32-6 (HORSESHOE BEND UNIT)	43-047-32784	12323	32-06S-21E	STATE	WIW	A
NBU 21-20B (NATURAL BUTTES UNIT)	43-047-30359	2900	20-09S-20E	FEDERAL	WD	A
NBU 159 (NATURAL BUTTES UNIT)	43-047-31996	2900	35-09S-21E	FEDERAL	WD	A

OPERATOR CHANGES DOCUMENTATION

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 06/19/2001
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 06/19/2001
3. The new company has been checked through the **Department of Commerce, Division of Corporations Database** on: 06/21/2001
4. Is the new operator registered in the State of Utah: YES Business Number: 608186-0143

5. If **NO**, the operator was contacted on: N/A
6. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the (merger, name change, or operator change for all wells listed on Federal or Indian leases on: N/A
7. **Federal and Indian Units:** The BLM or BIA has approved the successor of unit operator for wells listed on: N/A
8. **Federal and Indian Communization Agreements ("CA"):** The BLM or the BIA has approved the operator change for all wells listed involved in a CA on: N/A
9. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database** on: 06/21/2001
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 06/21/2001
3. Bond information entered in RBDMS on: 06/20/2001
4. Fee wells attached to bond in RBDMS on: 06/21/2001

STATE BOND VERIFICATION:

1. State well(s) covered by Bond No.: 400JU0705

FEE WELLS - BOND VERIFICATION/LEASE INTEREST OWNER NOTIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed has furnished a bond: 400JU0708
2. The **FORMER** operator has requested a release of liability from their bond on: COMPLETION OF OPERATOR CHANGE
The Division sent response by letter on: N/A
3. (R649-2-10) The **FORMER** operator of the Fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: COMPLETION OF OPERATOR CHANGE

FILMING:

1. All attachments to this form have been **MICROFILMED** on: 7.12.01

FILING:

1. **ORIGINALS/COPIES** of all attachments pertaining to each individual well have been filled in each well file on: _____

COMMENTS: Master list of all wells involved in operator change from Coastal Oil & Gas Corporation to El Paso Production Oil and Gas Company shall be retained in the "Operator Change File".

STATE OF UTAH
DIVISION OF OIL GAS AND MINING

INJECTION WELL - PRESSURE TEST

Well Name: <u>NBU 159</u>	API Number: <u>43-047-31996</u>
Qtr/Qtr: <u>NE/34</u> Section: <u>35</u>	Township: <u>9S</u> Range: <u>3E</u>
Company Name: <u>E1 Paso</u>	
Lease: State _____ Fee _____	Federal _____ Indian _____
Inspector: <u>David W. Harford</u>	Date: <u>12/14/01</u>

Initial Conditions:

Tubing - Rate: 0 Pressure: 65 psiCasing/Tubing Annulus - Pressure: 0 psi

Conditions During Test:

Time (Minutes)	Annulus Pressure	Tubing Pressure
0	<u>1150</u>	<u>65</u>
5	<u>1150</u>	<u>65</u>
10	<u>1150</u>	<u>65</u>
15	<u>1150</u>	<u>65</u>
20	<u>1150</u>	<u>65</u>
25	<u>1150</u>	<u>65</u>
30	<u>1150</u>	<u>65</u>

Results: Pass Fail

Conditions After Test:

Tubing Pressure: 65 psiCasing/Tubing Annulus Pressure: 0 psiCOMMENTS: Recently replaced tubing

David W. Harford
Operator Representative

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use APPLICATION FOR PERMIT – for such proposals		6. Lease Designation and Serial Number ST-U-01194
		7. Indian Allottee or Tribe Name
		8. Unit or Communitization Agreement NATURAL BUTTES
		9. Well Name and Number NBU #159
1. Type of Well <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other (specify) SWD		10. API Well Number 43-047-31996
2. Name of Operator El Paso Production Oil & Gas Company		11. Field and Pool, or Wildcat NATURAL BUTTES
3. Address of Operator P.O. Box 1148 Vernal, UT 84078	4. Telephone Number	
5. Location of Well Footage : 1958' FSL L& 1945' FWL County : Uintah QQ, Sec. T., R., M : NESW Sec. 35, T9S, R21E State : UT		
12. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		

NOTICE OF INTENT
 (Submit in Duplicate)

<input type="checkbox"/> Abandonment	<input type="checkbox"/> New Construction
<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing
<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Shoot or Acidize
<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Vent or Flare
<input type="checkbox"/> Multiple Completion	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Other <u>Location Enlargement</u>	

Approximate Date Work Will Start Upon Approval

SUBSEQUENT REPORT
 (Submit Original Form Only)

<input type="checkbox"/> Abandonment *	<input type="checkbox"/> New Construction
<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing
<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Shoot or Acidize
<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Vent or Flare
<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Other _____	

Date of Work Completion _____

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

* Must be accompanied by a cement verification report.

13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Operator requests to install a water bearing treating system for the subject well. The current facility set up does not allow for automatic condensate skimming, solids removal or air/gas separation. The updated facility will include a 1000 Bbl cone bottom settling tank that will have auto skim for the condensate, a gas boot to eliminate hazards and an auto solids removal system. Two new 400 Bbl storage tanks will be installed to allow for adequate storage and eliminate environmental hazards. Eight 500 Bbl steel tanks, and one 300 Bbl steel tank shall replace the existing tanks. The auto solids removal system will reduce tank cleaning costs. The settling tank will minimize oil carryover into the SWD.

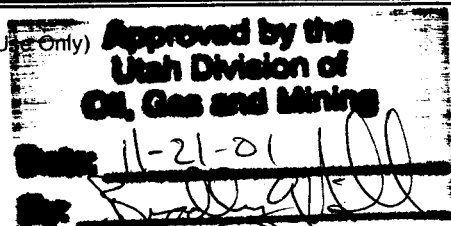
Operator proposes to enlarge the existing well pad in order to accommodate an upgraded water injection facility:

Please refer to Exhibit 1 for the additional acreage of 1.02 acres needed in order to upgrade the current facility. Topo 1 of 4 is the current facility set up with the proposed upgraded facility; refer to Topo 2 for the addition of a 16" x 38' culvert; Topo 3, cut and fill; Topo 4 for the proposed water injection completed site. There will be no changes to the existing access road, refer to Topo Map B.

14. I hereby certify that the foregoing is true and correct.

Name & Signature Cheryl Cameron Title Regulatory Analyst Date 11/14/01

(State Use Only)



(8/90)

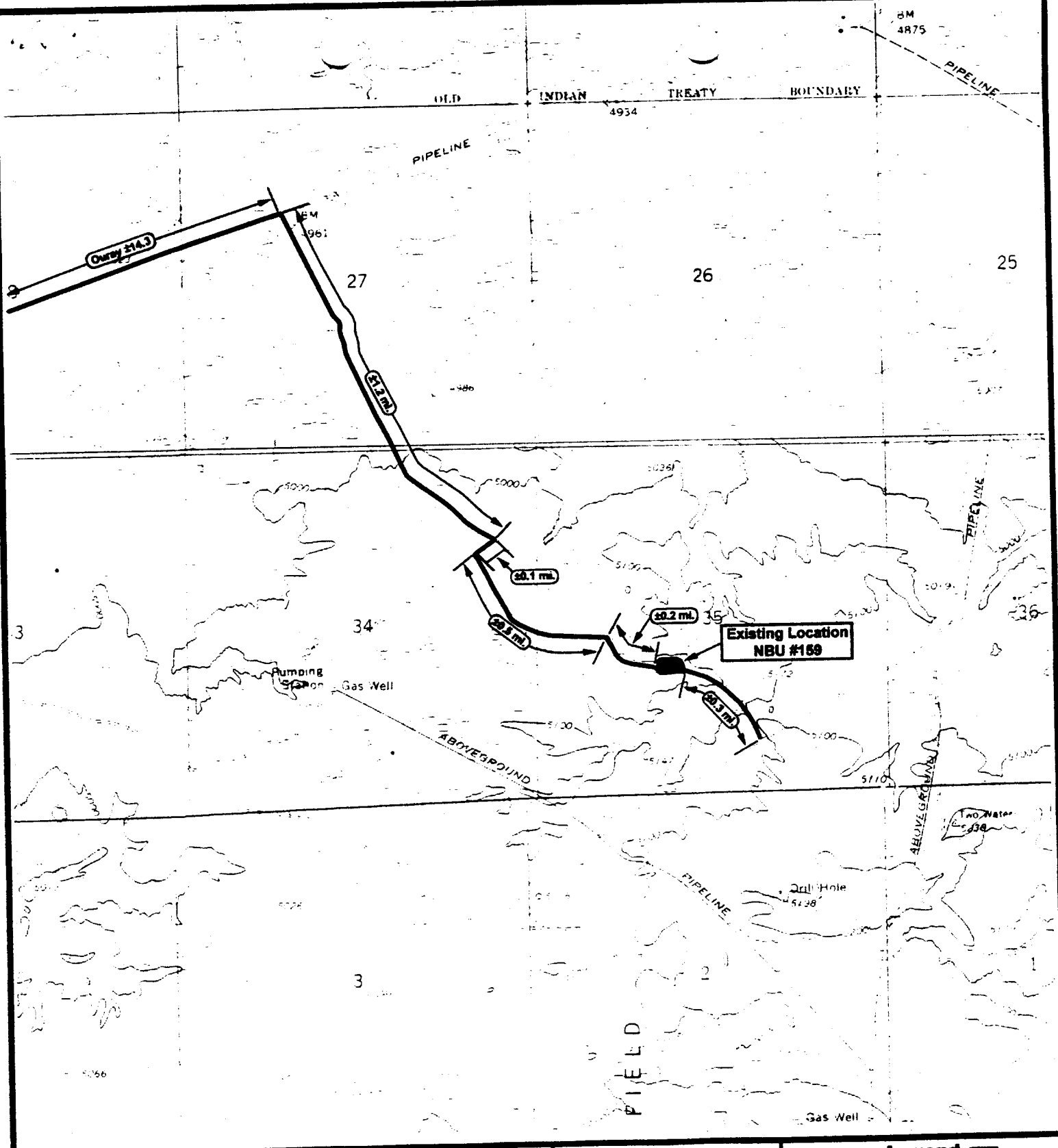
COPY SENT TO OPERATOR
 Date: 11/21/01
 Initials: CHB

See Instructions on Reverse Side

RECEIVED

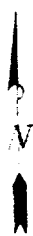
NOV 15 2001

DIVISION OF
OIL, GAS AND MINING



EL PASO
PRODUCTION CO.

NBU #159 Water Injection Well
SEC 35, T9S, R21E, S.L.B.&M.



Tri-State
Land Surveying Inc.
(435) 781-2501
38 West 100 North Vernal, Utah 84078

SCALE: 1" = 2000'

DRAWN BY: D.J.

DATE: 11-13-2001

Legend

Existing Road

TOPOGRAPHIC MAP

"B"

N0°03'W - 81.10 G.L.O.

2703.75' (Measured)
N00°03'W G.L.O. (Basis of Bearings)

Section Line

Plastic Cap on
5/8" Rebar

1/4 Section Line

Sec. 35

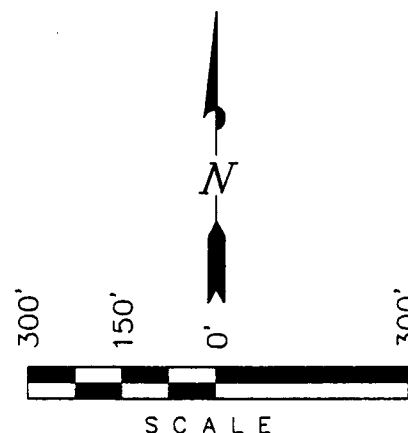
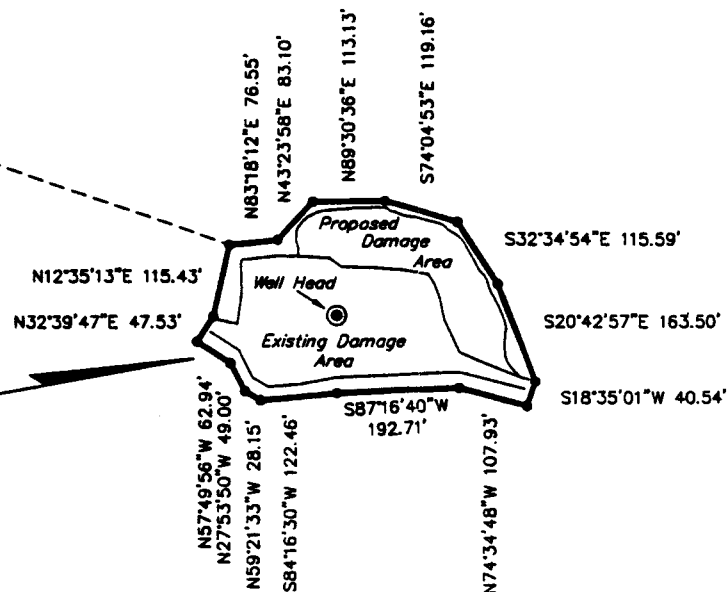
EL PASO PRODUCTION COMPANY

DAMAGE AREA

(For NBU 159 Water Injection Site)

Located in the NE 1/4 SW 1/4 of
Section 35, T9S, R21E, S.L.B.&M.
Uintah County, Utah

DAMAGE AREA: NBU #159
Existing Damage = 1.81 Acres
Proposed Damage = 1.02 Acres
Total = 2.83 Acres



DAMAGE AREA DESCRIPTION

BEGINNING AT A POINT IN THE NE 1/4 SW 1/4 OF SECTION 35, T9S, R21E, S.L.B.&M. WHICH BEARS S71°23'26"E 1872.72' FROM THE WEST 1/4 CORNER OF SAID SECTION, THENCE N83°18'12"E 76.55'; THENCE N43°23'58"E 83.10'; THENCE N89°30'36"E 113.13'; THENCE S74°04'53"E 119.16'; THENCE S32°34'54"E 115.59'; THENCE S20°42'57"E 163.50'; THENCE S18°35'01"W 40.54'; THENCE N74°34'48"W 107.93'; THENCE S87°16'40"W 192.71'; THENCE S84°16'30"W 122.46'; THENCE N59°21'33"W 28.15'; THENCE N27°53'50"W 49.00'; THENCE N57°49'56"W 62.94'; THENCE N12°35'13"E 115.43' TO THE POINT OF BEGINNING. BASIS OF BEARINGS IS THE WEST LINE OF THE SW 1/4 OF SAID SECTION WHICH IS TAKEN FROM THE G.L.O. PLAT TO BEAR N00°03'W. CONTAINS 2.83 ACRES MORE OR LESS.

LEGEND

◆ = SECTION CORNERS FOUND

THIS IS TO CERTIFY THAT THE ABOVE MAP WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY DIRECT SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

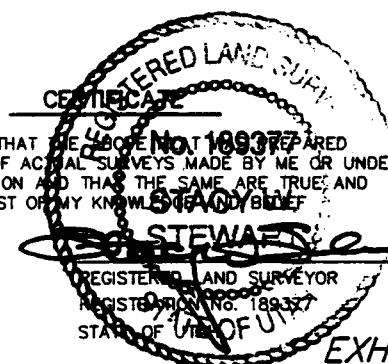


EXHIBIT 1

SURVEYED BY: D.J.S.

DRAWN BY: J.R.S.

DATE: 11-13-01

SCALE: 1" = 300'

FILE:

Tri State
Land Surveying, Inc.

(435) 781-2501

38 WEST 100 NORTH VERNAL, UTAH 84078

1977 Brass
Cap

Section Line

N88°51'11"E 2646.05' (Measured)

N89°08'E - 40.38 G.L.O.

1977 Brass
Cap

1/4 Section Line

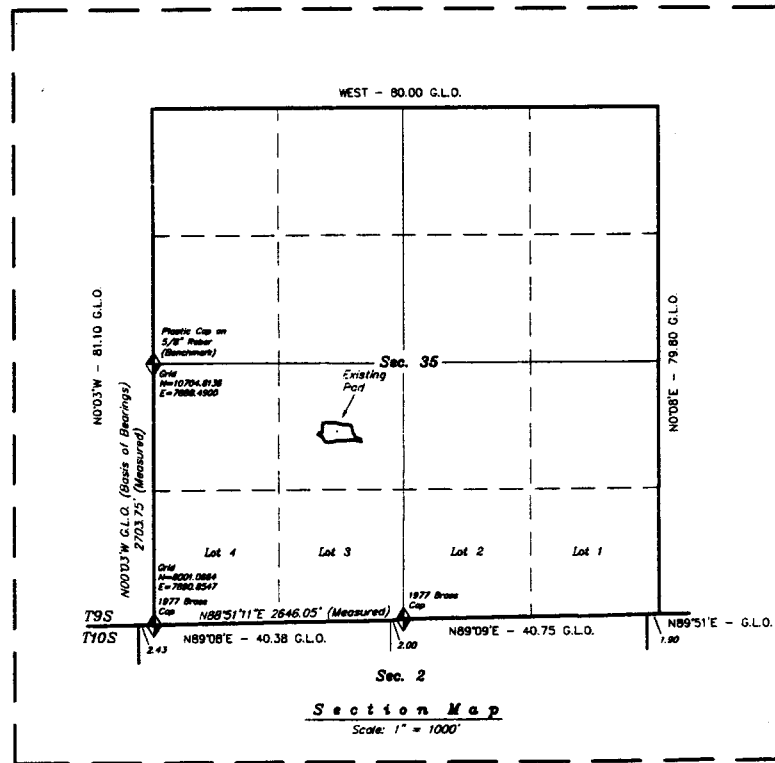
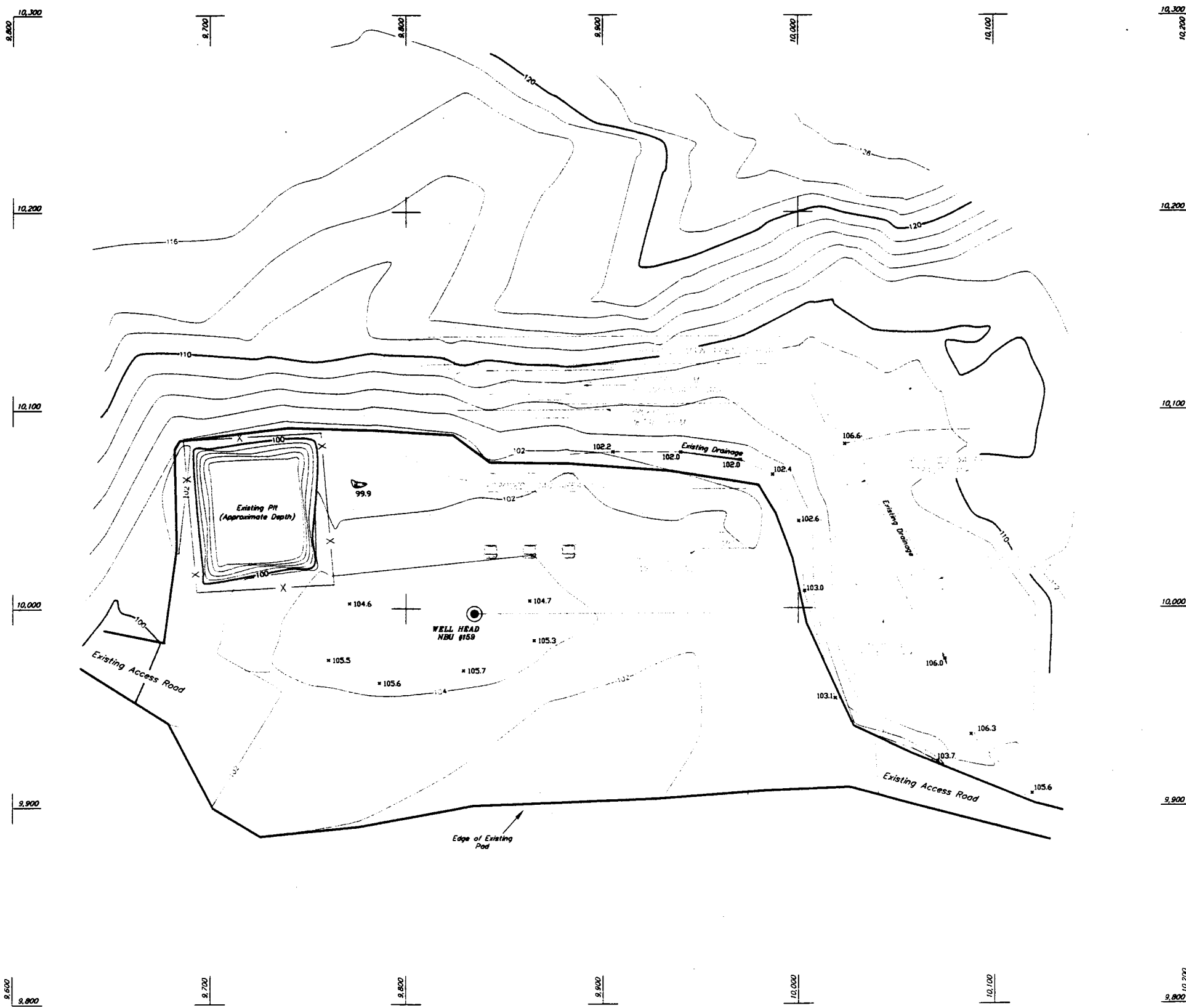
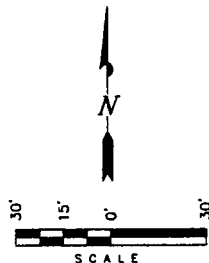
Lot 3

Lot 4

EL PASO PRODUCTION COMPANY

**WATER INJECTION SITE PLAN
EXISTING SITE / PROPOSED FACILITIES**

Located at Well Site NBU #159
IN THE NE 1/4 SW 1/4 OF
SECTION 35, T9S, R21E, S.L.B.&M.
UINTAH COUNTY, UTAH



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS
PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE
BY ME OR UNDER MY DIRECT SUPERVISION AND THAT THE
SAME ARE TRUE AND CORRECT TO THE BEST OF MY
KNOWLEDGE AND BELIEF

REGISTERED LAND SURVEYOR
REGISTRATION No. 189377
STATE OF UTAH

Topo 1 of 4

BENCHMARK
THE BENCHMARK IS THE WEST 1/4
CORNER OF SECTION 35, T9S, R21E,
S.L.B.&M. WHICH HAS AN ASSUMED
ELEVATION OF 74.33'.

LEGEND
◆ = SECTION CORNERS FOUND
--- = FENCE
ELEVATIONS ARE ASSUMED BUT RELATIVE
CONTOUR INTERVAL = 2'

SURVEYED BY: D.J.S.
DRAWN BY: R.V.C.
DATE: 10-15-01
SCALE: 1" = 30'
REVISED: 11-8-01
(Add Proposed Facilities)

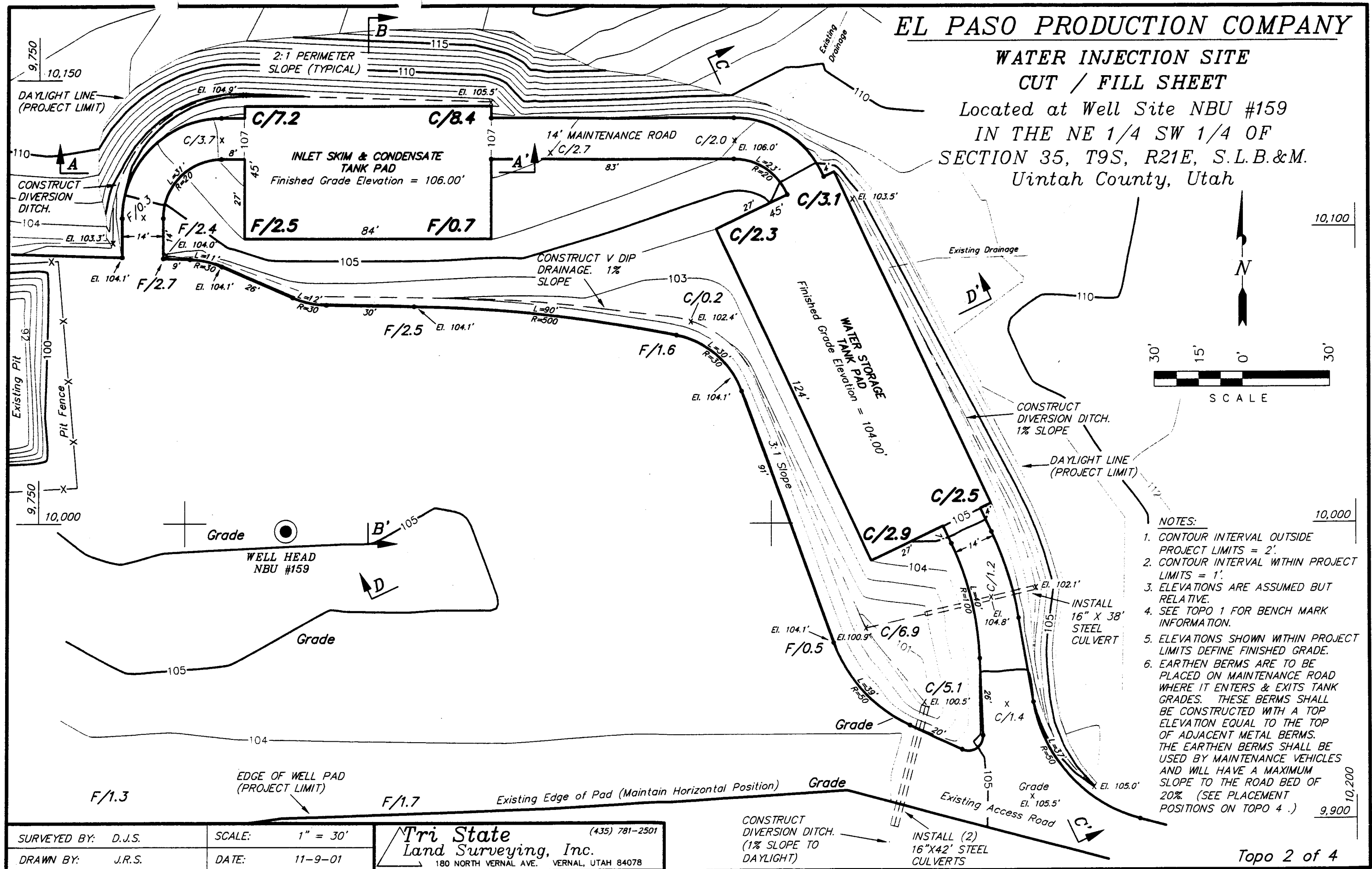
**Tri State
Land Surveying, Inc.**
(435) 781-2501
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

EL PASO PRODUCTION COMPANY

WATER INJECTION SITE

CUT / FILL SHEET

Located at Well Site NBU #159
IN THE NE 1/4 SW 1/4 OF
SECTION 35, T9S, R21E, S.L.B.&M.
Uintah County, Utah



SURVEYED BY: D.J.S.

SCALE: 1" = 30'

DRAWN BY: J.R.S.

DATE: 11-9-01

Tri State
Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078
(435) 781-2501

CONSTRUCT
DIVERSION DITCH.
(1% SLOPE TO
DAYLIGHT)

INSTALL (2)
16"x42" STEEL
CULVERTS

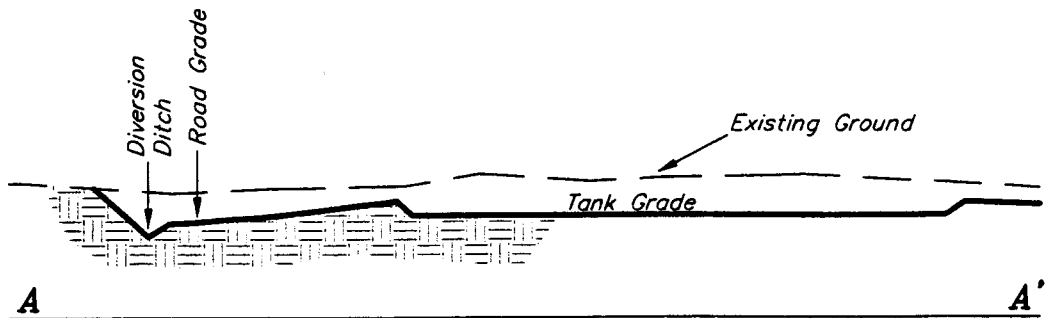
Topo 2 of 4

EL PASO PRODUCTION COMPANY

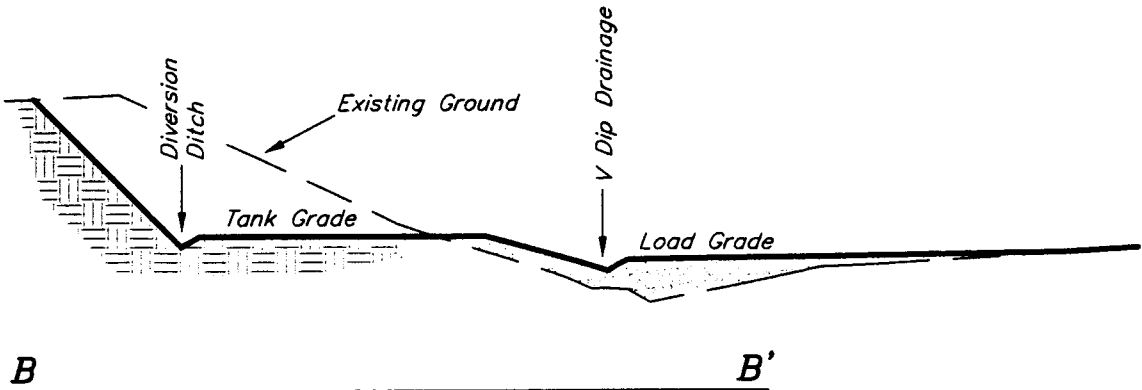
WATER INJECTION SITE
CROSS SECTIONS

Located at Well Site NBU #159
IN THE NE 1/4 SW 1/4 OF
SECTION 35, T9S, R21E, S.L.B.&M.
Uintah County, Utah

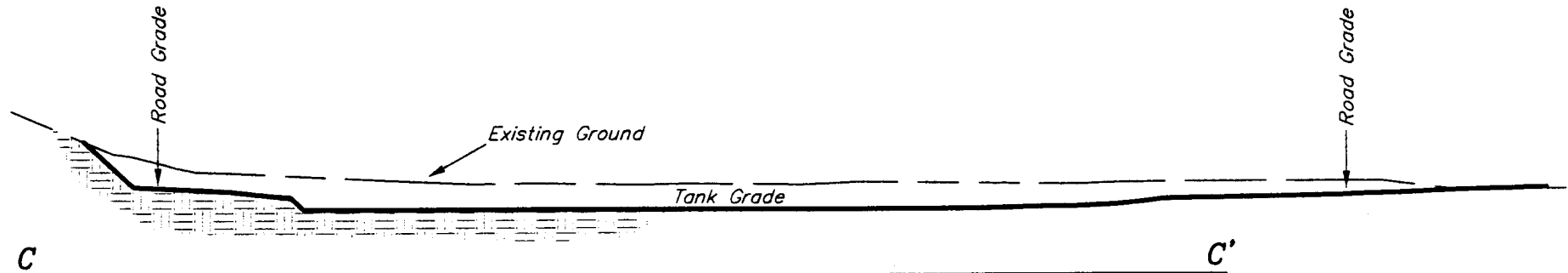
DATUM ELEV
98.00'



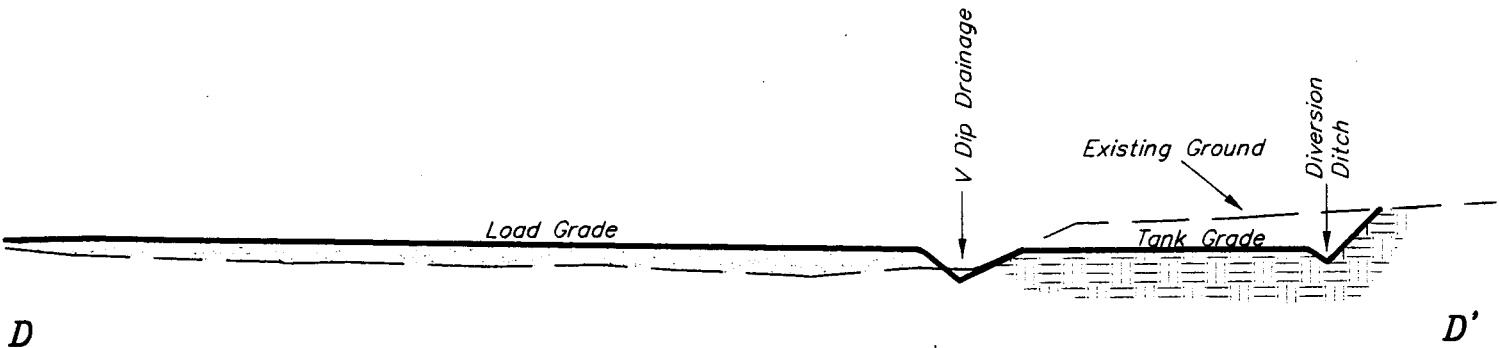
DATUM ELEV
94.00'



DATUM ELEV
98.00'



DATUM ELEV
96.00'



ESTIMATED EARTHWORK QUANTITIES
(Expressed in Cubic Yards)

ITEM	CUT	FILL	Fill material for earthen berms & pump bldg. pad	EXCESS
TOTALS	2,920	2,810	100	10

SURVEYED BY: D.J.S.

SCALE: 1" = 30'

DRAWN BY: J.R.S.

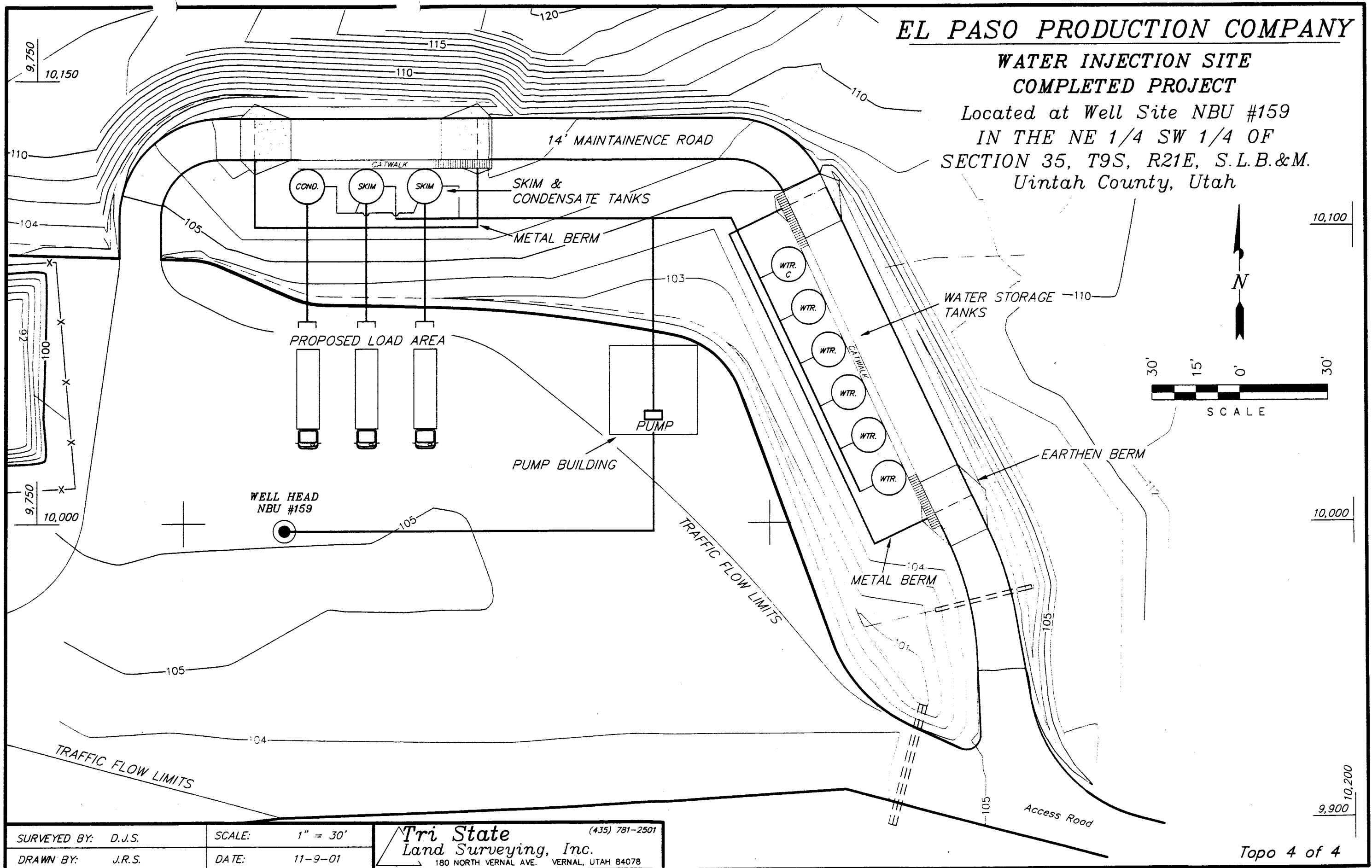
DATE: 11-13-01

Tri State
Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078
(435) 781-2501

EL PASO PRODUCTION COMPANY

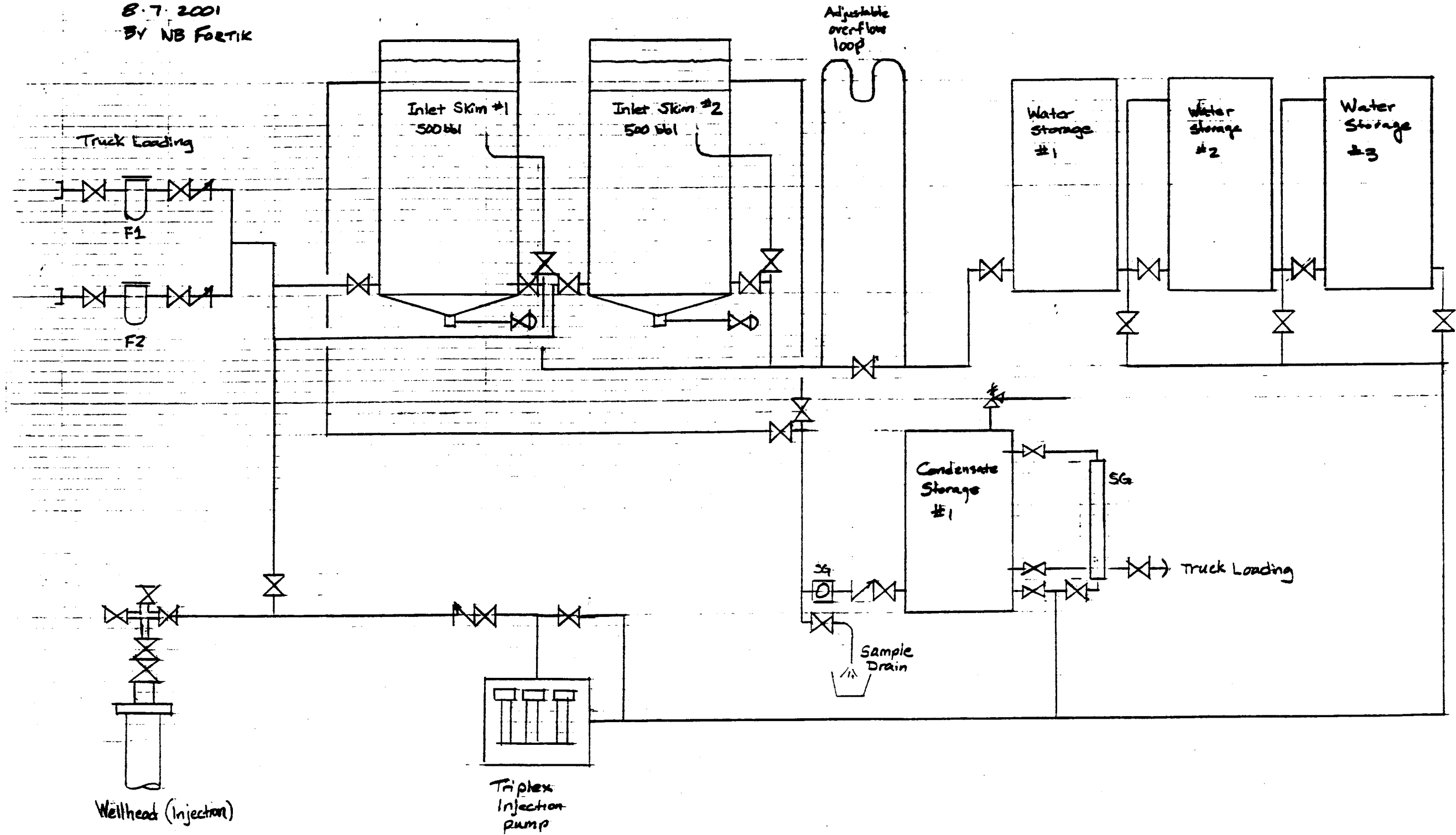
**WATER INJECTION SITE
COMPLETED PROJECT**

Located at Well Site NBU #159
IN THE NE 1/4 SW 1/4 OF
SECTION 35, T9S, R21E, S.L.B.&M.
Uintah County, Utah



Topo 4 of 4

NBU 159 SALT WATER DISPOSAL SYSTEM
8.7.2001
BY NB FORTIK



STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use APPLICATION FOR PERMIT – for such proposals		6. Lease Designation and Serial Number ST-U-01194
		7. Indian Allottee or Tribe Name
		8. Unit or Communitization Agreement NATURAL BUTTES
1. Type of Well <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other (specify) SWD		9. Well Name and Number NBU #159
2. Name of Operator El Paso Production Oil & Gas Company		10. API Well Number 43-047-31996
3. Address of Operator P.O. Box 1148 Vernal, UT 84078	4. Telephone Number (435) 781-7023	11. Field and Pool, or Wildcat Natural Buttes
5. Location of Well Footage : 1958' FSL & 1945 FWL County : Uintah QQ, Sec, T., R., M : NESW Sec. 35, T9S, R21E State : UT		
12. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		

<p align="center">NOTICE OF INTENT (Submit in Duplicate)</p> <table style="width:100%;"> <tr> <td><input type="checkbox"/> Abandonment</td> <td><input type="checkbox"/> New Construction</td> </tr> <tr> <td><input type="checkbox"/> Casing Repair</td> <td><input type="checkbox"/> Pull or Alter Casing</td> </tr> <tr> <td><input type="checkbox"/> Change of Plans</td> <td><input type="checkbox"/> Recompletion</td> </tr> <tr> <td><input type="checkbox"/> Conversion to Injection</td> <td><input type="checkbox"/> Shoot or Acidize</td> </tr> <tr> <td><input type="checkbox"/> Fracture Treat</td> <td><input type="checkbox"/> Vent or Flare</td> </tr> <tr> <td><input type="checkbox"/> Multiple Completion</td> <td><input type="checkbox"/> Water Shut-Off</td> </tr> <tr> <td><input type="checkbox"/> Other _____</td> <td></td> </tr> </table> <p>Approximate Date Work Will Start _____</p>	<input type="checkbox"/> Abandonment	<input type="checkbox"/> New Construction	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing	<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Recompletion	<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Shoot or Acidize	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Vent or Flare	<input type="checkbox"/> Multiple Completion	<input type="checkbox"/> Water Shut-Off	<input type="checkbox"/> Other _____		<p align="center">SUBSEQUENT REPORT (Submit Original Form Only)</p> <table style="width:100%;"> <tr> <td><input type="checkbox"/> Abandonment *</td> <td><input type="checkbox"/> New Construction</td> </tr> <tr> <td><input type="checkbox"/> Casing Repair</td> <td><input type="checkbox"/> Pull or Alter Casing</td> </tr> <tr> <td><input type="checkbox"/> Change of Plans</td> <td><input type="checkbox"/> Shoot or Acidize</td> </tr> <tr> <td><input type="checkbox"/> Conversion to Injection</td> <td><input type="checkbox"/> Vent or Flare</td> </tr> <tr> <td><input type="checkbox"/> Fracture Treat</td> <td><input type="checkbox"/> Water Shut-Off</td> </tr> <tr> <td><input checked="" type="checkbox"/> Other <u>Shut-In</u></td> <td></td> </tr> </table> <p>Date of Work Completion _____</p> <p>Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form. * Must be accompanied by a cement verification report.</p>	<input type="checkbox"/> Abandonment *	<input type="checkbox"/> New Construction	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing	<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Shoot or Acidize	<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Vent or Flare	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Water Shut-Off	<input checked="" type="checkbox"/> Other <u>Shut-In</u>	
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<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Water Shut-Off																										
<input checked="" type="checkbox"/> Other <u>Shut-In</u>																											

13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

The subject well was Shut-In on 12/1/01 after discovering a tbq leak. All water is temporarily being trucked to RNI disposal until the well becomes fully operational.

It is proposed that the NBU #159 will be back on-line by the first of the year (1/02).

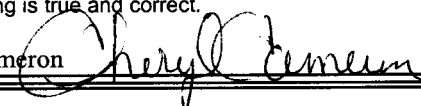
**Accepted by the
 Utah Division of
 Oil, Gas and Mining
 FOR RECORD ONLY**

RECEIVED

DEC 14 2001

DIVISION OF
 OIL, GAS AND MINING

14. I hereby certify that the foregoing is true and correct.

Name & Signature Cheryl Cameron  Title Regulatory Analyst Date 12/13/01

(State Use Only)

December 20, 2001

Mr. Gil Hunt
State of Utah Natural Resources
Division of Oil Gas and Mining
1594 West North Temple Suite 1210
PO Box 145801
Salt Lake City, UT 84114-5801

Re: NBU 159 SWD (EPA Permit #UT2718-03784)

Dear Mr. Hunt:

As per our phone conversation with Mr Dan Jackson with the EPA , El Paso Production has conducted a MIT test on the NBU 159 SWD well after repairing a tubing leak and changing out tubing strings.

On December 1, 2001 pressure was detected on the casing and the well was shut in. A rig was moved in to repair the tubing on December 11, 2001. The 2 3/8" tubing string was replaced with a 2 7/8" tubing string. The EPA was notified and a MIT was conducted on December 14, 2001 with Mr. Dave Hackford of DOGM as a witness. The casing/tubing annulus was tested to 1150 psi and held to 1136 psi for 40 minutes. The pressure was bled off and the well returned to injection.

Attached you will find a MIT test sheet, a well rework form, a current well bore schematic and a copy of the electronic chart that was run for the MIT.

If I can provide any further information on this well, please do not hesitate to call.

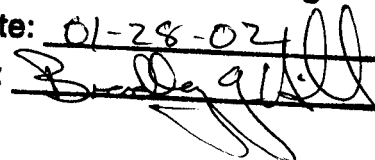
Sincerely,



Carroll Estes
Principal Environmental Specialist
(435) 781-7009 Office
(435) 828-3301 Mobile

cc: Carl Lakey
Les Streeb
Sam Prutch
Cheryl Cameron
Well file

Accepted by the
Utah Division of
Oil, Gas and Mining

Date: 01-28-02
By: 

RECEIVED

DEC 21 2001

DIVISION OF
OIL, GAS AND MINING

JAN. 17. 2003 3:34PM

WESTPORT

NO. 173 P. 2

**WESTPORT OIL AND GAS COMPANY, L.P.**

410 Seventeenth Street #2300 Denver Colorado 80202-4436
Telephone: 303 573 5404 Fax: 303 573 5409

February 1, 2002

Department of the Interior
Bureau of Land Management
2850 Youngfield Street
Lakewood, CO 80215-7093
Attention: Ms. Martha Maxwell

RE: BLM Bond CO-1203
BLM Nationwide Bond 158626364
Surety - Continental Casualty Company
Belco Energy Corporation merger into Westport Oil and Gas Company, Inc.
Conversion of Westport Oil and Gas Company, Inc., into Westport Oil and Gas Company, L.P.
Assumption Rider - Westport Oil and Gas Company, L.P.

Dear Ms. Maxwell:

Pursuant to our recent conversations, please find the following list of enclosures for the BLM's consideration and approval:

Two (2) Assumption Riders, fully executed originals.
Copies of Belco Energy Corporation merger into Westport Oil and Gas Company, Inc.
Copies of Westport Oil and Gas Company, Inc., conversion into Westport Oil and Gas Company, L.P.
List of all Federal/BIA/State Leases - Belco/Westport's leases - in all states.

Please inform us of any additional information needed to complete the change to Westport Oil and Gas Company, L.P., as operator of record.

I thank you for your assistance and cooperation in this matter. Please do not hesitate contacting the undersigned, should a question arise.

Sincerely,
Westport Oil and Gas Company, L.P.

Debby J. Black
Engineer Technician

Encl:



United States Department of the Interior **RECEIVED**

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155

FEB 22 2002

DIVISION OF
OIL, GAS AND MINING

In Reply Refer To:

3106

UTU-25566 et al

(UT-924)

FEB 21 2002

NOTICE

Westport Oil and Gas Company L.P. : Oil and Gas
410 Seventeenth Street, #2300 :
Denver Colorado 80215-7093 :

Name Change Recognized

Acceptable evidence has been received in this office concerning the name change of Westport Oil and Gas Company, Inc. into Westport Oil and Gas Company, L.P. with Westport Oil and Gas Company, L.P. being the surviving entity.

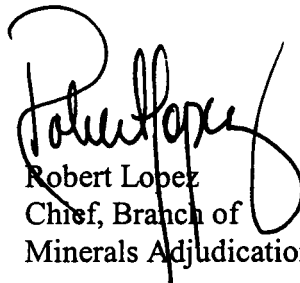
For our purposes, the name change is recognized effective December 31, 2001.

The oil and gas lease files identified have been noted as to the name change. The exhibit was compiled from a list of leases obtained from our computer program. We have not abstracted the lease files to determine if the entities affected by this name change hold an interest in the leases identified nor have we attempted to identify leases where the entities are the operator on the ground maintaining no vested recorded title or operating rights interests. We will be notifying the Minerals Management Service and all applicable Bureau of Land Management offices of the change by a copy of this notice. If additional documentation for changes of operator are required by our Field Offices, you will be contacted by them.

If you identify additional leases in which the entities maintain an interest, please contact this office and we will appropriately document those files with a copy of this Notice.

Due to the name change, the name of the principal/obligor on the bond is required to be changed from Westport Oil and Gas Company, Inc. to Westport Oil and Gas Company, L.P.. You may accomplish this either by consent of surety rider on the original bond or a rider to the original bond. The bonds are held in Colorado.

UTU-03405
UTU-20895
UTU-25566
UTU-43156
UTU-49518
UTU-49519
UTU-49522
UTU-49523



Robert Lopez
Chief, Branch of
Minerals Adjudication

cc: Moab Field Office
Vernal Field Office
MMS, Reference Data Branch, MS3130, PO Box 5860, Denver CO 80217
State of Utah, DOGM, Attn: Jim Thompson (Ste. 1210), Box 145801, SLC UT 84114
Teresa Thompson (UT-922)
Joe Incardine (UT-921)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use APPLICATION FOR PERMIT -- for such proposals		6. Lease Designation and Serial Number ST-U-01194
		7. Indian Allottee or Tribe Name
		8. Unit or Communitization Agreement Natural Buttes
		9. Well Name and Number NBU 159
1. Type of Well <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other (specify) SWD		10. API Well Number 31996 43-047- 31196
2. Name of Operator El Paso Production Oil & Gas Company		11. Field and Pool, or Wildcat Natural Buttes
3. Address of Operator P.O. Box 1148 Vernal, UT 84078	4. Telephone Number (435) 781-7023	
5. Location of Well Footage : 1958' FSL & 1945' FWL County : Uintah QQ, Sec, T., R., M : NESW Sec. 35, T9S, R21E State : UT		

12. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA


<p style="text-align: center;">NOTICE OF INTENT (Submit in Duplicate)</p> <table style="width: 100%;"> <tr> <td><input type="checkbox"/> Abandonment</td> <td><input type="checkbox"/> New Construction</td> </tr> <tr> <td><input type="checkbox"/> Casing Repair</td> <td><input type="checkbox"/> Pull or Alter Casing</td> </tr> <tr> <td><input type="checkbox"/> Change of Plans</td> <td><input type="checkbox"/> Recompletion</td> </tr> <tr> <td><input type="checkbox"/> Conversion to Injection</td> <td><input type="checkbox"/> Shoot or Acidize</td> </tr> <tr> <td><input type="checkbox"/> Fracture Treat</td> <td><input type="checkbox"/> Vent or Flare</td> </tr> <tr> <td><input type="checkbox"/> Multiple Completion</td> <td><input type="checkbox"/> Water Shut-Off</td> </tr> <tr> <td><input type="checkbox"/> Other _____</td> <td></td> </tr> </table> <p>Approximate Date Work Will Start _____</p>	<input type="checkbox"/> Abandonment	<input type="checkbox"/> New Construction	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing	<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Recompletion	<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Shoot or Acidize	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Vent or Flare	<input type="checkbox"/> Multiple Completion	<input type="checkbox"/> Water Shut-Off	<input type="checkbox"/> Other _____		<p style="text-align: center;">SUBSEQUENT REPORT (Submit Original Form Only)</p> <table style="width: 100%;"> <tr> <td><input type="checkbox"/> Abandonment *</td> <td><input type="checkbox"/> New Construction</td> </tr> <tr> <td><input type="checkbox"/> Casing Repair</td> <td><input type="checkbox"/> Pull or Alter Casing</td> </tr> <tr> <td><input type="checkbox"/> Change of Plans</td> <td><input type="checkbox"/> Shoot or Acidize</td> </tr> <tr> <td><input type="checkbox"/> Conversion to Injection</td> <td><input type="checkbox"/> Vent or Flare</td> </tr> <tr> <td><input type="checkbox"/> Fracture Treat</td> <td><input type="checkbox"/> Water Shut-Off</td> </tr> <tr> <td><input checked="" type="checkbox"/> Other <u>Injection Start-up</u></td> <td></td> </tr> </table> <p>Date of Work Completion <u>5/7/02</u></p> <p style="font-size: small;">Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form. * Must be accompanied by a cement verification report.</p>	<input type="checkbox"/> Abandonment *	<input type="checkbox"/> New Construction	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing	<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Shoot or Acidize	<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Vent or Flare	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Water Shut-Off	<input checked="" type="checkbox"/> Other <u>Injection Start-up</u>	
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13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

The subject well hooked-up to the new water injection facility at approximately 10:00 am 5/7/02.

**Accepted by the
 Utah Division of
 Oil, Gas and Mining
 FOR RECORD ONLY**

14. I hereby certify that the foregoing is true and correct.

Name & Signature Cheryl Cameron  Title Operations Date 05/08/02
 (State Use Only)

RECEIVED

MAY 14 2002

**DIVISION OF
 OIL, GAS AND MINING**

memorandum

Branch of Real Estate Services
Uintah & Ouray Agency

Date: 5 December, 2002

Reply to
Attn of: Supervisory Petroleum Engineer

Subject: Modification of Utah Division of Oil, Gas and Mining Regulations

To: Director, Utah Division of Oil, Gas and Mining Division: John Baza

We have been advised of changes occurring with the operation of your database for Change of Operator. You will be modifying your records to reflect Change of Operator once you have received all necessary documentation from the companies involved, and perhaps in advance of our Notice of Concurrence/Approval of Change of Operator where Indian leases are involved.

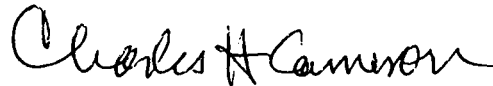
We have no objection.

With further comment to Rulemaking, I wish to comment concerning the provision of Exhibits for upcoming Hearings. I would like to see the Uintah & Ouray Agency, BIA, and the Ute Indian Tribe, Energy & Mineral Resources Department added to the list of those parties that receive advance Exhibits so as to allow us to have research time prior to Hearing dates. We will be able to provide a more informed recommendation to the Oil, Gas and Mining Board. It would be best if we would receive only those Exhibits that concern Indian lands, specifically on or adjacent to Indian lands. This may be a difficult situation to attain, as it is not always clear where 'on or adjacent' occurs.

I am aware that you have gone to extra effort to correct this matter already, and I fully appreciate it. My request is intended only to allow the addition of Uintah & Ouray Agency and Ute Indian Tribe to the official listing.

We appreciate your concern, and hope that these comments are timely enough for consideration in the revision process.

CC: Minerals & Mining Section of RES
Ute Energy & Mineral Resources Department: Executive Director
chronos





United States Department of the Interior

BUREAU OF INDIAN AFFAIRS

Washington, D.C. 20240

FEB 10 2003IN REPLY REFER TO:
Real Estate Services

Carroll A. Wilson
Principal Landman
Westport Oil and Gas Company, L.P.
1368 South 1200 East
Vernal, Utah 84078

Dear Mr. Wilson:

This is in response to your request for approval of RLI Insurance Company's Nationwide Oil and Gas Lease Bond No. RLB0005239 executed effective December 17, 2002, (\$150,000 coverage) with Westport Oil and Gas Company, L. P., as principal.

This bond is hereby approved as of the date of this correspondence and will be retained in the Bureau of Indian Affairs' Division of Real Estate Services, 1849 C Street, NW, MS-4512-MIB, Washington, D.C. 20240. All Bureau oil and gas regional offices and the surety are being informed of this action.

In cases where you have existing individual and/or collective bonds on file with one or more of our regional offices, you may now request those offices, directly, to terminate in lieu of coverage under this Nationwide Bond.

Enclosed is a copy of the approved bond for your files. If we may be of further assistance in this matter, please advise.

Sincerely,

Director, Office of Trust Responsibilities

ACTING

Enclosure

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER:
2. NAME OF OPERATOR: El Paso Production Oil & Gas Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 9 Greenway Plaza CITY Houston STATE TX ZIP 77064-0995		7. UNIT or CA AGREEMENT NAME:
PHONE NUMBER: (832) 676-5933		8. WELL NAME and NUMBER: Exhibit "A"
4. LOCATION OF WELL		9. API NUMBER:
FOOTAGES AT SURFACE:		10. FIELD AND POOL, OR WILDCAT:
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		

COUNTY:

STATE:

UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Operator change to Westport Oil and Gas Company, L.P., 1670 Broadway, Suite 2800, Denver, CO. 80202-4800, effective December 17, 2002.

BOND # _____

State Surety Bond No. RLB0005236
Fee Bond No. RLB0005238

EL PASO PRODUCTION OIL & GAS COMPANY

By: _____

Jon R. Nelsen, Attorney-in-Fact

RECEIVED

FEB 28 2003

DIV. OF OIL, GAS & MINING

WESTPORT OIL AND GAS COMPANY, L.P.		TITLE Agent and Attorney-in-Fact	
NAME (PLEASE PRINT) David R. Dix			
SIGNATURE _____		DATE 12/17/02	

(This space for State use only)

Form 3160-5
(August 1999)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

*Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.*FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

5. Lease Serial No.

SEE ATTACHED EXHIBIT "A"

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

SEE ATTACHED EXHIBIT "A"

9. API Well No.

SEE ATTACHED EXHIBIT "A"

10. Field and Pool, or Exploratory Area

11. County or Parish, State

UINTAH COUNTY, UT

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

WESTPORT OIL & GAS COMPANY, L.P.

3a. Address

P.O. BOX 1148 VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-7023

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SEE ATTACHED EXHIBIT "A"

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐
- Notice of Intent
-
- ☐
- Subsequent Report
-
- ☐
- Final Abandonment Notice

TYPE OF ACTION

- ☐
- Acidize
- ☐
- Deepen
- ☐
- Production (Start/Resume)
- ☐
- Water Shut-Off
-
- ☐
- Alter Casing
- ☐
- Fracture Treat
- ☐
- Reclamation
- ☐
- Well Integrity
-
- ☐
- Casing Repair
- ☐
- New Construction
- ☐
- Recomplete
- ☒
- Other
-
- ☐
- Change Plans
- ☐
- Plug and Abandon
- ☐
- Temporarily Abandon
-
- ☐
- Convert to Injection
- ☐
- Plug Back
- ☐
- Water Disposal

SUCCESSOR OF
OPERATOR

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompletes horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed if testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator determined that the site is ready for final inspection.

WESTPORT OIL & GAS COMPANY, L.P., IS CONSIDERED TO BE THE OPERATOR ON THE ATTACHED DESCRIBED LANDS AND IS RESPONSIBLE UNDER THE TERMS AND CONDITIONS OF THE LEASE FOR THE OPERATIONS CONDUCTED ON THE LEASED LANDS OR PORTIONS THEREOF, BOND COVERAGE FOR THIS WELL IS PROVIDED BY FEDERAL NATIONWIDE BOND NO. 158626364, EFFECTIVE FEBRUARY 1, 2002, AND BIA NATIONWIDE BOND NO. RLB0005239, EFFECTIVE FEBRUARY 10, 2003.

RECEIVED

MAR 04 2003

DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

CHERYL CAMERON

Title

OPERATIONS

Date

March 4, 2003

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

TRANSFER OF AUTHORITY TO INJECT

Well Name and Number <u>EXHIBIT "A"</u>		API Number
Location of Well		Field or Unit Name
Footage :	County :	Lease Designation and Number
QQ, Section, Township, Range:	State : UTAH	

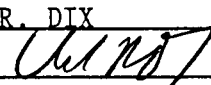
EFFECTIVE DATE OF TRANSFER: 12-17-02

CURRENT OPERATOR

Company: EL PASO PRODUCTION OIL & GAS COMPANYName: JON R. NELSENAddress: 1368 SOUTH 1200 EASTSignature: city VERNAL state UT zip 84078Title: ATTORNEY-IN-FACTPhone: 435-789-4433Date: 12-17-02

Comments:

NEW OPERATOR

Company: WESTPORT OIL AND GAS COMPANY L.P.Name: DAVID R. DIXAddress: 1670 BROADWAY, SUITE 2800Signature: city DENVER state CO zip 80202-4800Title: AGENT, ATTORNEY-IN-FACTPhone: 303-575-0177Date: 12-17-02

Comments:

(This space for State use only)

Transfer approved by: Approval Date: 3-6-03Title: Tech. Services Manager

Comments:

Does not apply to SWDZ-16 a PVA well.

EXHIBIT "A"

TRANSFER OF AUTHORITY TO INJECT

STATE OF UTAH

DEPART OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

WELL NAME	API	FOOTAGE		COUNTY	QUARTER QUARTER LOCATION	SECTION	TOWNSHIP	RANGE	STATE	FIELD OF UNIT NAME
SOUTHMAN CANYON U 3	4304715880	2180 FSL	400 FEL	UINTAH	NE/4NE/4SE/4	15	10S	23E	UTAH	SOUTHMAN CANYON
NBU 2-1-208	4304730359	1037 FNL	1033 FEL	UINTAH	SW/WNE/4NE/4	20	09S	20E	UTAH	NATURAL BUTTES
NBU 159	4304731996	1958 FSL	1945 FWL	UINTAH	SW/4NE/4SW/4	35	09S	21E	UTAH	NATURAL BUTTES
STRRUP ST 32-6	4304732784	850 FNL	800 FEL	UINTAH	NE/4NE/4	32	06S	21E	UTAH	HORSESHOE BEND
OURAY SWD 1	4304733449	561 FNL	899 FEL	UINTAH	NE/4NE/4	01	09S	21E	UTAH	NATURAL BUTTES
NBU SWD 2-16	4304733597	2486 FSL	1122 FEL	UINTAH	NW/4NE/4SE/4	16	10S	21E	UTAH	NATURAL BUTTES

6. (R649-9-2) Waste Management Plan has been received on: IN PLACE

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: 12/31/2003

8. **Federal and Indian Units:**

The BLM or BIA has approved the successor of unit operator for wells listed on: N/A

9. **Federal and Indian Communization Agreements ("CA"):**

The BLM or BIA has approved the operator for all wells listed within a CA on: N/A

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 03/06/2003

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database** on: 03/07/2003

2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 03/07/2003

3. Bond information entered in RBDMS on: N/A

4. Fee wells attached to bond in RBDMS on: N/A

STATE WELL(S) BOND VERIFICATION:

1. State well(s) covered by Bond Number: RLB 0005236

FEDERAL WELL(S) BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: 158626364

INDIAN WELL(S) BOND VERIFICATION:

1. Indian well(s) covered by Bond Number: RLB 0005239

FEE WELL(S) BOND VERIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number RLB 0005238

2. The **FORMER** operator has requested a release of liability from their bond on: N/A

The Division sent response by letter on: N/A

LEASE INTEREST OWNER NOTIFICATION:

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: N/A

COMMENTS: COMPLETE LIST OF WELLS INVOLVING OPERATOR CHANGE MAY BE FOUND IN THE OPERATOR CHANGE FILE.

Form 9

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use APPLICATION FOR PERMIT - for such proposals		6. Lease Designation and Serial Number STATE U-01194
		7. Indian Allottee or Tribe Name
		8. Unit or Communitization Agreement NATURAL BUTTES UNIT
1. Type of Well <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other (specify) DISPOSAL		9. Well Name and Number NBU 159
2. Name of Operator WESTPORT OIL & GAS COMPANY, L.P.		10. API Well Number 43-047-31996
3. Address of Operator P.O. BOX 1148 VERNAL, UT 84078	4. Telephone Number (435) 781-7023	11. Field and Pool, or Wildcat Natural Buttes
5. Location of Well Footage : NESW 1958' FSL, 1945' FWL County : Uintah QQ, Sec. T., R., M : SEC. 35, T9S, R21E State : UT		
12. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		

NOTICE OF INTENT
 (Submit in Duplicate)

<input type="checkbox"/> Abandonment	<input type="checkbox"/> New Construction
<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing
<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Shoot or Acidize
<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Vent or Flare
<input type="checkbox"/> Multiple Completion	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Other Condensate Storage	

 Approximate Date Work Will Start Immediate

SUBSEQUENT REPORT
 (Submit Original Form Only)

<input type="checkbox"/> Abandonment *	<input type="checkbox"/> New Construction
<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing
<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Shoot or Acidize
<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Vent or Flare
<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Other	

Date of Work Completion _____

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

* Must be accompanied by a cement verification report.

13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Operator intends to set 5 - 400 Bbl tanks, 4 to be used for condensate storage, and 1 to be used to store interface water. Approximately 300' +/- of 1" line is to be laid in order to transfer condensate/water from the existing condensate tank, and approximately 300' +/- of 4" line is to be laid in order to load and unload condensate. No new disturbance shall occur, and operator shall construct a berm around the tanks for containment.

The NBU 4, Sec. 23, T9S, R21E, is currently the storage facility for this condensate storage. It shall be more economical for operator to utilize the NBU 159 facility for the condensate storage, and the NBU 4 storage facility to remain a storage facility for pipe and misc. equipment.

14. I hereby certify that the foregoing is true and correct.

 Name & Signature Cheryl Cameron Title Operations Date 03/27/03

(State Use Only)

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

(8/90)

 DATE: 3/27/03 See Instructions on Reverse Side

 BY: [Signature]

This work shall be in accord with applicable surface use/lease agreements

Form 9

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

<p align="center">SUNDRY NOTICES AND REPORTS ON WELLS</p> <p>Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use APPLICATION FOR PERMIT - for such proposals</p>		6. Lease Designation and Serial Number STATE U-01194
		7. Indian Allottee or Tribe Name
		8. Unit or Communitization Agreement NATURAL BUTTES UNIT
		9. Well Name and Number NBU 159
1. Type of Well <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other (specify) DISPOSAL		10. API Well Number 43-047-31996
2. Name of Operator WESTPORT OIL & GAS COMPANY, L.P.		11. Field and Pool, or Wildcat Natural Buttes
3. Address of Operator P.O. BOX 1148 VERNAL, UT 84078	4. Telephone Number (435) 781-7023	
5. Location of Well Footage : NESW 1958' FSL, 1945' FWL County : Uintah QQ, Sec. T., R., M : SEC. 35, T9S, R21E State : UT		
12. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		

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 (Submit in Duplicate)

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 Approximate Date Work Will Start Immediate

SUBSEQUENT REPORT
 (Submit Original Form Only)

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<input type="checkbox"/> Other _____	

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14. I hereby certify that the foregoing is true and correct.

 Name & Signature Cheryl Cameron Title Operations Date 03/27/03

(State Use Only)

**APPROVED BY THE STATE
 OF UTAH DIVISION OF
 OIL, GAS, AND MINING**

 DATE: 3/27/03 See Instructions on Reverse Side

 BY: [Signature]

COPY SENT TO OPERATOR
 Date: 3/27/03
 Initials: CHD

(8/90)

* Work shall be in accordance with R649-3-15 and any applicable surface use/lease agreements

**Westport Oil & Gas Company, L.P.**

1368 S. 1200 E.

Vernal, Utah 84078

Phone: 435-789-4433 Fax: 435-789-4436

FAX COVER SHEET

DATE:

3/27/03

TO:

Dustin Doucet

Ⓢ FAX #

FROM:

Cheryl Carnea

Ⓢ FAX # 435-789-4436

PAGES (INCLUDING COVER):

2

Comments:

RECEIVED

MAR 27 2003

DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use APPLICATION FOR PERMIT -- for such proposals		6. Lease Designation and Serial Number STATE U-01194
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12. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		

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<input type="checkbox"/> Abandonment *	<input type="checkbox"/> New Construction																										
<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing																										
<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Shoot or Acidize																										
<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Vent or Flare																										
<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Water Shut-Off																										
<input type="checkbox"/> Other _____																											

13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Operator intends to set 5 - 400 Bbl tanks, 4 to be used for condensate storage, and 1 to be used to store interface water. Approximately 300' +/- of 1" line is to be laid in order to transfer condensate/water from the existing condensate tank, and approximately 300'+/- of 4" line is to be laid in order to load and unload condensate. No new disturbance shall occur, and operator shall construct a berm around the tanks for containment.

The NBU 4, Sec. 23, T9S, R21E, is currently the storage facility for this condensate storage. It shall be more economical for operator to utilize the NBU 159 facility for the condensate storage, and the NBU 4 storage facility to remain a storage facility for pipe and misc. equipment.

RECEIVED

MAR 31 2003

DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct.

Name & Signature Cheryl Cameron Title Operations Date 03/27/03

(State Use Only)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use APPLICATION FOR PERMIT - for such proposals		6. Lease Designation and Serial Number <p style="text-align: center;">State U-01194</p> 7. Indian Allottee or Tribe Name 8. Unit or Communitization Agreement <p style="text-align: center;">Natural Buttes Unit</p> 9. Well Name and Number <p style="text-align: center;">NBU 159</p> 10. API Well Number <p style="text-align: center;">43-047-31996</p> 11. Field and Pool, or Wildcat <p style="text-align: center;">Natural Buttes</p>
1. Type of Well <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other (specify) DISPOSAL		<div style="border: 2px solid black; padding: 10px; transform: rotate(-15deg); transform-origin: center;"> RECEIVED APR - 1 2003 By _____ </div>
2. Name of Operator Westport Oil & Gas Company, L.P.		
3. Address of Operator P.O. Box 1148 Vernal, UT 84078		
4. Telephone Number (435) 781-7023		
5. Location of Well Footage : NESW 1958' FSL, 1945' FWL QQ, Sec. T., R., M : Sec. 35, T9S, R21E		County : Uintah State : UT
12. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		

NOTICE OF INTENT
(Submit in Duplicate)

- | | |
|--|---|
| <input type="checkbox"/> Abandonment | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Recompletion |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Shoot or Acidize |
| <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Other <u>Condensate Allocation</u> | |

Approximate Date Work Will Start Immediate

SUBSEQUENT REPORT
(Submit Original Form Only)

- | | |
|--|---|
| <input type="checkbox"/> Abandonment * | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Shoot or Acidize |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other _____ | |

Date of Work Completion _____

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

* Must be accompanied by a cement verification report.

13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

ALL CONDENSATE shall be allocated to the NATURAL BUTTES UNIT, even though non-unit water is hauled to the NBU 159 disposal facility.

14. I hereby certify that the foregoing is true and correct.

Name & Signature Cheryl Cameron Title Operations Date 04/01/03

(State Use Only)

NOTED

APR 15 2003

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use APPLICATION FOR PERMIT -- for such proposals		6. Lease Designation and Serial Number State U-01194
		7. Indian Allottee or Tribe Name
		8. Unit or Communitization Agreement Natural Buttes Unit
		9. Well Name and Number NBU 159
1. Type of Well <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other (specify) DISPOSAL		10. API Well Number 43-047-31996
2. Name of Operator Westport Oil & Gas Company, L.P.		11. Field and Pool, or Wildcat Natural Buttes
3. Address of Operator P.O. Box 1148 Vernal, UT 84078	4. Telephone Number (435) 781-7023	
5. Location of Well Footage : NESW 1958' FSL, 1945' FWL County : Uintah QQ, Sec. T., R., M : Sec. 35, T9S, R21E State : UT		
12. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		

NOTICE OF INTENT
 (Submit in Duplicate)

- | | |
|--|---|
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| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Recompletion |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Shoot or Acidize |
| <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Other <u>Condensate Allocation</u> | |

Approximate Date Work Will Start Immediate

SUBSEQUENT REPORT
 (Submit Original Form Only)

- | | |
|--|---|
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| <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other _____ | |

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* Must be accompanied by a cement verification report.

13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

ALL CONDENSATE shall be allocated to the NATURAL BUTTES UNIT, even though non-unit water is hauled to the NBU 159 disposal facility.

RECEIVED
APR 03 2003
 DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct.

Name & Signature Cheryl Cameron Title Operations Date 04/01/03

(State Use Only)

Accepted by the
Utah Division of
Oil, Gas and Mining

Date: 4/7/2003

By: [Signature]

See Instructions on Reverse Side

COPY SENT TO OPERATOR
 Date: 4-7-03
 Initials: CHD

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

WESTPORT OIL & GAS COMPANY, L.P.

3a. Address

P.O. BOX 1148 VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Multiple Wells - see attached

5. Lease Serial No.

Multiple Wells - see attached

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

891008900A

8. Well Name and No.

Multiple Wells - see attached

9. API Well No.

Multiple Wells - see attached

10. Field and Pool, or Exploratory Area

Natural Buttes Unit

11. County or Parish, State

Uintah County, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize <input type="checkbox"/> Deepen <input type="checkbox"/> Production (Start/Resume) <input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing <input type="checkbox"/> Fracture Treat <input type="checkbox"/> Reclamation <input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair <input type="checkbox"/> New Construction <input type="checkbox"/> Recomplete <input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans <input type="checkbox"/> Plug and Abandon <input type="checkbox"/> Temporarily Abandon
	<input type="checkbox"/> Convert to Injection <input type="checkbox"/> Plug Back <input type="checkbox"/> Water Disposal

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomple horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recomple in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

Westport Oil & Gas requests a variance to Onshore Order No. 4, Part IIIC.a. requiring each sales tank be equipped with a pressure-vacuum thief hatch and/or vent line valve. The variance is requested as an economic analysis shows the value of the shrunk condensate will not payout the incremental cost of purchasing and maintaining the valve resulting in a loss of value over the producing life of the well.

The volume lost to shrinkage by dropping the tank pressure from 6 ozs. to 0 psig is shown to be 0.3% of the tank volume. This was determined by lab analysis of a representative sample from the field. The sample shrunk from 98.82% of original volume to 98.52% when the pressure was dropped.

The average NBU well produces approximately 6 bbls condensate per month. The resulting shrinkage would amount to 0.56 bbls per month lost volume due to shrinkage. The value of the shrunk and lost condensate does not recoup or payout the cost of installing and maintaining the valves and other devices that hold the positive tank pressure. An economic run based on the loss and costs is attached.

Westport Oil & gas requests approval of this variance in order to increase the value of the well to the operator and the mineral royalty owners.

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

J.T. Conley

Signature

COPY SENT TO OPERATOR

Date:

Initials:

Title

Date

Operations Manager

9-2-2003

SEP 10 2003

DIV. OF OIL, GAS & MINING

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Date: 9/16/03

Accepted by the
Utah Division of
Oil, Gas and Mining

Federal Approval of This
Action Is Necessary

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

Project Economics Worksheet**Instructions:**

Fill in blue areas with before and after project data. The evaluation results are shown below and graphed automatically at the bottom of the page. This sheet is protected to prevent accidental alteration of the formulas. See JTC for changes. OPX entered as annual costs and/or as unit OPX costs for \$/BF and \$/MCF

Project Name:

Condensate Shrinkage EconomicsIs this job a well pull or production rig job ??? ☐ N (Y or N)

	BEFORE \$/Year	AFTER \$/Year	DIFFERENCE \$/Year
Gross Oil Revenue	\$1,088	\$1,099	\$11
Gross Gas Revenue	\$0	\$0	\$0
NGL Revenue	\$0	\$0	\$0
PULLING UNIT SERVICE			\$0
WIRELINE SERVICE			\$0
SUBSURF EQUIP REPAIRS			\$0
COMPANY LABOR			\$0
CONTRACT LABOR	\$0	\$200	\$200
CONTR SERVICE			\$0
LEASE FUEL GAS	\$0	\$0	\$0
UTILITIES - ELECTRICITY	\$0	\$0	\$0
CHEMICAL TREATING			\$0
MATERIAL & SUPPLY	\$0	\$150	\$150
WATER & HAULING			\$0
ADMINISTRATIVE COSTS			\$0
GAS PLANT PROCESSING			\$0
Totals	\$0	\$350	\$350

Increased OPX Per Year

Investment Breakdown:

	Cap/Exp Code	Cost, \$
Capital \$	820/830/840	\$1,200
Expense \$	830/860	\$0
Total \$		\$1,200

Oil Price	\$ 23.00	\$/BO
Gas Price	\$ 3.10	\$/MCF
Electric Cost	\$ -	\$/ HP / day
OPX/BF	\$ 2.00	\$/BF
OPX/MCF	\$ 0.62	\$/MCF

Production & OPX Detail:

	Before		After		Difference
Oil Production	0.192	BOBP	0.194	BOBP	0.002
Gas Production	0	MCFFPD	0	MCFFPD	0
Wtr Production	0	BWPD	0	BWPD	0
Horse Power		HP		HP	0
Fuel Gas Burned		MCFFPD		MCFFPD	0

Project Life:

Life = 20.0 Years
(Life no longer than 20 years)

Internal Rate of Return:

After Tax IRR = #DIV/0!

AT Cum Cashflow:

Operating Cashflow = (\$2,917) (Discounted @ 10%)

Payout Calculation:

$$\text{Payout} = \frac{\text{Total Investment}}{\text{Sum(OPX + Incremental Revenue)}} = 1$$

Payout occurs when total AT cashflow equals investment
See graph below, note years when cashflow reaches zero.

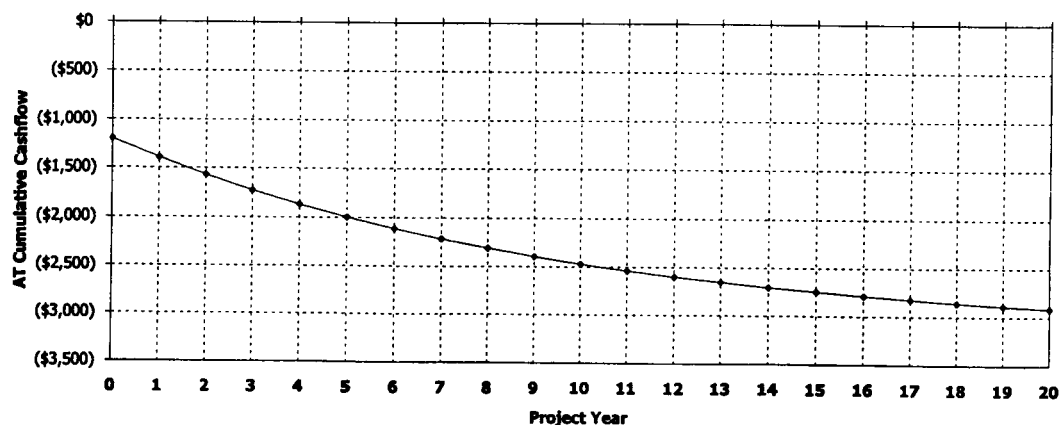
Payout = NEVER Years or #VALUE! Days

Gas Reserves:

Oil Reserves = 6 BO
Gas Reserves = 0 MCF
Gas Equiv Reserves = 38 MCFE

Notes/Assumptions:

An average NBU well produces 0.192 Bcpd with no tank pressure. The production is increased to 0.194 Bcpd if 4 ozs of pressure are placed on the tank. The increased production does not payout the valve cost or the estimated annual maintenance costs.

Project: Condensate Shrinkage Economics

Westport Oil and Gas, Inc.

NBU/Ouray Field

RFL 2003-022

COMPARISON OF FLASH BACK PRESSURES

Calculated by Characterized Equation-of-State

Flash Conditions		Gas/Oil Ratio (scf/STbbl) (A)	Specific Gravity of Flashed Gas (Air=1.000)	Separator Volume Factor (B)	Separator Volume Percent (C)
psig	°F				

Calculated at Laboratory Flash Conditions

80	70			1.019	
0	122	30.4	0.993	1.033	101.37%
0	60	0.0	—	1.000	98.14%

Calculated Flash with Backpressure using Tuned EOS

80	70			1.015	
6.0 oz	65	24.6	0.777	1.003	98.82%
0	60	0.0	—	1.000	98.52%
80	70			1.015	
4.0 oz	65	24.7	0.778	1.003	98.82%
0	60	0.0	—	1.000	98.52%
80	70			1.015	
2.0 oz	65	24.7	0.779	1.003	98.82%
0	60	0.0	—	1.000	98.52%
80	70			1.015	
0	65	24.8	0.780	1.003	98.82%
0	60	0.0	—	1.000	98.52%

(A) Cubic Feet of gas at 14.696 psia and 60 °F per Barrel of Stock Tank Oil at 60 °F.

(B) Barrels of oil at indicated pressure and temperature per Barrel of Stock Tank Oil at 60 °F.

(C) Oil volume at indicated pressure and temperature as a percentage of original saturated oil volume.

Note: Bubblepoint of sample in original sample container was 80 psig at 70° F with 1 cc water

WELL	LEGALS	STFLEASENO	CANUMBER	APINO
NBU 149	5-10-22 NESE	UTU01191	891008900A	430473198200S1
NBU 150	9-10-22 SENW	UTU01196B	891008900A	430473199200S1
NBU 151	9-10-22 NWNW	UTU01196B	891008900A	430473199100S1
NBU 152	9-10-22 SESE	UTU01196D	891008900A	430473199000S1
NBU 153	11-10-22 SWNW	U01197A	891008900A	430473197500S1
NBU 154	26-9-21 NWSE	ML22934	891008900A	430473200300S1 ✓
NBU 155	31-9-22 SENW	ML23607	891008900A	430473200400S1 ✓
NBU 156	35-9-21 SWNW	U01194	891008900A	430473200500S1 ✓
NBU 157	32-9-22 SESW	ML22649	891008900A	430473200700S1 ✓
NBU 158	27-9-21 NWSE	U01194A	891008900A	430473199700S1 ✓
NBU 159SWD	35-9-21 NESW	U01194	891008900A	430473199600S1 ✓
NBU 161	32-9-22 SESE	ML22649	891008900A	430473202300S1 ✓
NBU 162	12-10-20 SENW	UTU4478	891008900A	430473206600S1
NBU 163	14-10-21 NENW	UTU465	891008900A	430473206900S1
NBU 164	3-10-22 NWSE	UTU01191A	891008900A	430473205500S1
NBU 165	3-10-22 NENW	UTU01191	891008900A	430473205700S1
NBU 166	28-9-21 SWSE	U05676	891008900A	430473206500S1
NBU 167	25-9-21 SESW	U01194	891008900A	430473205400S1 ✓
NBU 168	12-10-20 NWSW	UTU4478	891008900A	430473211700S1 ✓
NBU 169	12-10-20 SESW	UTU4478	891008900A	430473211800S1
NBU 170	4-10-22 NWNW	UTU01191A	891008900A	430473216900S1
NBU 171	5-10-22 SENE	UTU01191A	891008900A	430473211500S1
NBU 172	19-9-22 NENE	UTU0284	891008900A	430473219400S1
NBU 173	33-9-22 NWNE	UTU01191A	891008900A	430473211600S1
NBU 174	11-9-21 NWNW	UTU0141315	891008900A	430473219300S1
NBU 175	28-9-21 NENW	U05676	891008900A	430473214300S1
NBU 176	28-9-21 SWNW	U05676	891008900A	430473214400S1
NBU 177	29-9-21 NESE	UTU0581	891008900A	430473211200S1
NBU 178	30-9-21 NWNE	UTU0581	891008900A	430473212100S1
NBU 180	10-10-22 SWSE	UTU025187	891008900A	430473211300S1
NBU 181	9-9-21 SESW	UTU0576	891008900A	430473216100S1
NBU 182	11-9-21 SENW	UTU0141315	891008900A	430473216200S1
NBU 183	27-9-21 SWNW	U01194A	891008900A	430473212200S1 ✓
NBU 184	30-9-22 SESW	U463	891008900A	430473217000S1
NBU 185	3-10-22 SWNE	UTU01191A	891008900A	430473217100S1
NBU 186	30-9-22 SENE	U463	891008900A	430473223300S1
NBU 187	34-9-22 SESW	UTU0149077	891008900A	430473223000S1
NBU 188	10-10-22 SWSW	U01196C	891008900A	430473223400S1
NBU 189	23-9-21 SESW	UTU0149075	891008900A	430473223600S1
NBU 190	26-9-21 NWNE	U01194	891008900A	430473223200S1
NBU 191	15-9-21 SWSW	UTU010950A	891008900A	430473229800S1
NBU 192	22-9-21 NENW	UTU0147566	891008900A	430473229900S1
NBU 193	22-9-21 SWSW	UTU010950A	891008900A	430473230000S1
NBU 194	22-9-21 NESW	UTU010950A	891008900A	430473229600S1
NBU 195	11-9-21 NWNE	UTU0141317	891008900A	430473235500S1
NBU 198	22-9-21 NWSE	UTU010950A	891008900A	430473235700S1
NBU 199	9-9-21 SWSW	UTU0576A	891008900A	430473233700S1
NBU 200	19-9-22 NESE	UTU0284	891008900A	430473235900S1
NBU 201	9-9-21 SWNW	UTU0149767	891008900A	430473236400S1
NBU 202	8-9-21 NENE	UTU0149767	891008900A	430473233800S1
NBU 204	9-10-22 NWNE	UTU01196D	891008900A	430473234200S1
NBU 206	10-10-22 SWNW	U01196C	891008900A	430473234100S1
NBU 207	10-10-22 NENW	UTU69129	891008900A	430473232900S1 ✓
NBU 208	4-10-22 SESE	UTU01191	891008900A	430473234300S1
NBU 209	3-10-22 SWSW	UTU01191	891008900A	430473234500S1
NBU 210	10-10-22 NESW	U01196C	891008900A	430473234000S1
NBU 211	1-10-21 NWSW	U02842B	891008900A	430473233900S1
NBU 212	24-10-20 NENW	UTU4485	891008900A	430473239900S1
NBU 213	15-10-22 NWNW	UTU025187	891008900A	430473240100S1
NBU 214	27-9-21 NWSW	U01194	891008900A	430473246600S1 ✓
NBU 215	12-10-21 NWNW	UTU01190	891008900A	430473247100S1
NBU 216	15-9-21 NESW	UTU010950A	891008900A	430473248700S1
NBU 217	28-9-21 NESW	U05676	891008900A	430473248000S1
NBU 221X	34-9-21 NWNW	U01194A	891008900A	430473254500S1 ✓
NBU 222	11-10-22 SWNE	U01194A	891008900A	430473250900S1 ✓
NBU 223	26-9-21 NENW	U01194	891008900A	430473251700S1 ✓
NBU 224	26-9-21 NESW	U01194	891008900A	430473251600S1 ✓
NBU 226	17-9-21 SWSE	UTU0575	891008900A	430473263600S1
NBU 229	3-10-22 NWNE	UTU01191A	891008900A	430473259400S1
NBU 230A	3-10-22 SENE	UTU01191A	891008900A	430473290800S1
NBU 231	10-10-22 NWNW	U01197	891008900A	430473288100S1 ✓
NBU 236	30-9-22 SWNW	U463	891008900A	430473299400S1
NBU 242	6-10-22 SWSE	UTU01191	891008900A	430473294400S1
NBU 243	6-10-22 NWNW	UTU464	891008900A	430473293000S1
NBU 244	7-10-22 NESE	UTU466	891008900A	430473293100S1

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use APPLICATION FOR PERMIT -- for such proposals		6. Lease Designation and Serial Number ST-U-01194
		7. Indian Allottee or Tribe Name
		8. Unit or Communitization Agreement NATURAL BUTTES
1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other (specify) <u>WD</u>		9. Well Name and Number NBU 159
2. Name of Operator WESTPORT OIL & GAS COMPANY, L.P.		10. API Well Number 43-047-31996
3. Address of Operator P.O. BOX 1148, VERNAL, UTAH 84078	4. Telephone Number (435)781-7060	11. Field and Pool, or Wildcat NATURAL BUTTES
5. Location of Well Footage : 1958' FSL 1945' FWL County : UINTAH QQ, Sec, T., R., M : NESW SEC 35-T9S-R21E State : UTAH		
12. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		

<p style="text-align: center;">NOTICE OF INTENT (Submit in Duplicate)</p> <table style="width: 100%;"> <tr> <td><input type="checkbox"/> Abandonment</td> <td><input type="checkbox"/> New Construction</td> </tr> <tr> <td><input type="checkbox"/> Casing Repair</td> <td><input type="checkbox"/> Pull or Alter Casing</td> </tr> <tr> <td><input type="checkbox"/> Change of Plans</td> <td><input type="checkbox"/> Recompletion</td> </tr> <tr> <td><input type="checkbox"/> Conversion to Injection</td> <td><input type="checkbox"/> Shoot or Acidize</td> </tr> <tr> <td><input type="checkbox"/> Fracture Treat</td> <td><input type="checkbox"/> Vent or Flare</td> </tr> <tr> <td><input type="checkbox"/> Multiple Completion</td> <td><input type="checkbox"/> Water Shut-Off</td> </tr> <tr> <td><input type="checkbox"/> Other _____</td> <td></td> </tr> </table> <p>Approximate Date Work Will Start _____</p>	<input type="checkbox"/> Abandonment	<input type="checkbox"/> New Construction	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing	<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Recompletion	<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Shoot or Acidize	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Vent or Flare	<input type="checkbox"/> Multiple Completion	<input type="checkbox"/> Water Shut-Off	<input type="checkbox"/> Other _____		<p style="text-align: center;">SUBSEQUENT REPORT (Submit Original Form Only)</p> <table style="width: 100%;"> <tr> <td><input type="checkbox"/> Abandonment *</td> <td><input type="checkbox"/> New Construction</td> </tr> <tr> <td><input type="checkbox"/> Casing Repair</td> <td><input type="checkbox"/> Pull or Alter Casing</td> </tr> <tr> <td><input type="checkbox"/> Change of Plans</td> <td><input checked="" type="checkbox"/> Shoot or Acidize</td> </tr> <tr> <td><input type="checkbox"/> Conversion to Injection</td> <td><input type="checkbox"/> Vent or Flare</td> </tr> <tr> <td><input type="checkbox"/> Fracture Treat</td> <td><input type="checkbox"/> Water Shut-Off</td> </tr> <tr> <td><input type="checkbox"/> Other _____</td> <td></td> </tr> </table> <p>Date of Work Completion <u>10/24/03</u></p> <p style="font-size: small;">Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form. * Must be accompanied by a cement verification report.</p>	<input type="checkbox"/> Abandonment *	<input type="checkbox"/> New Construction	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing	<input type="checkbox"/> Change of Plans	<input checked="" type="checkbox"/> Shoot or Acidize	<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Vent or Flare	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Water Shut-Off	<input type="checkbox"/> Other _____	
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13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

PUMP 5 DRUMS OF 15% HCL ACID DOWN TBG. NO FLUSH.

14. I hereby certify that the foregoing is true and correct.

Name & Signature DEBRA DOMENICI *Debra Domenici* Title SR ADMIN ASSIST Date 10/27/03

(State Use Only)

RECEIVED

NOV 03 2003

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

6. Lease Designation and Serial Number
 ST-U-01194

7. Indian Allottee or Tribe Name

8. Unit or Communitization Agreement
 NATURAL BUTTES

9. Well Name and Number
 NBU 159

10. API Well Number
 43-047-31996

11. Field and Pool, or Wildcat
 NATURAL BUTTES

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
 Use APPLICATION FOR PERMIT -- for such proposals

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other (specify)

2. Name of Operator

WESTPORT OIL & GAS COMPANY, L.P.

3. Address of Operator

P.O. BOX 1148, VERNAL, UTAH 84078

4. Telephone Number

(435)781-7060

5. Location of Well

Footage : 1958' FSL 1945' FWL

County : UTAH

QQ, Sec. T., R., M : NESW SEC 35-T9S-R21E

State : UTAH

12. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT

(Submit in Duplicate)

<input type="checkbox"/> Abandonment	<input type="checkbox"/> New Construction
<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing
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<input type="checkbox"/> Multiple Completion	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Other _____	

Approximate Date Work Will Start _____

SUBSEQUENT REPORT

(Submit Original Form Only)

<input type="checkbox"/> Abandonment *	<input type="checkbox"/> New Construction
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<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Shoot or Acidize
<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Vent or Flare
<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Other WATER DISPOSAL WELL	

Date of Work Completion _____

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

* Must be accompanied by a cement verification report.

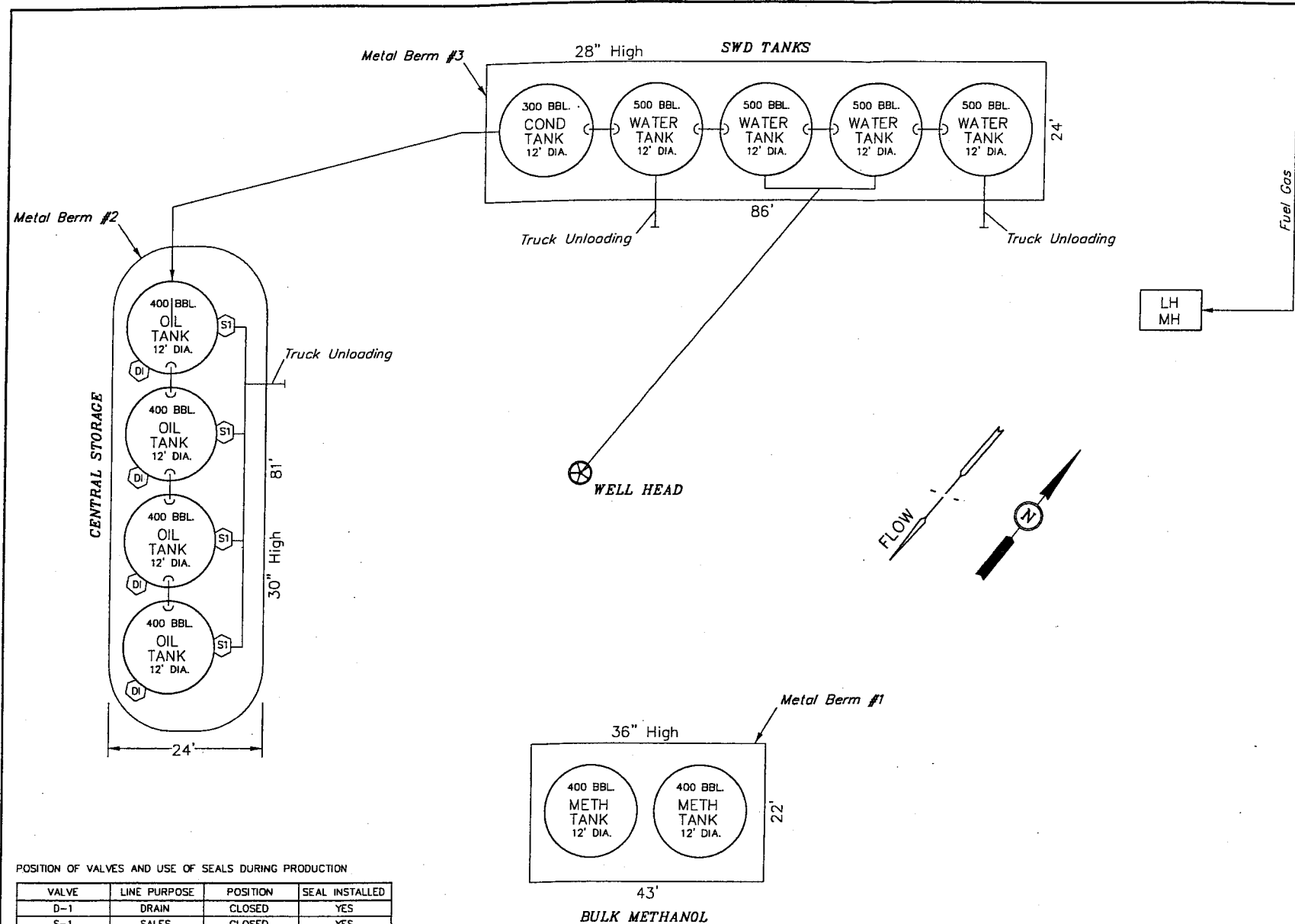
13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

OPERATOR HAS FINISHED SETTING THE 4 - 500 BBL TANKS AND 300' +/- 1" LINE AND 300' +/- 4" LINE ON THE ABOVE LOCATION. PLEASE SEE THE ATTACHED SITE SECURITY DIAGRAM FOR THE NEW LOCATION LAYOUT.

14. I hereby certify that the foregoing is true and correct.

Name & Signature DEBRA DOMENICI *Debra Domenici* Title SR ADMIN ASSIST Date 12/22/03

(State Use Only)



BERM #1
VESSEL CONTAINMENT
 TANK #1 = 400 BBLS
 TANK #2 = 400 BBLS
 VOLUME USED BY INTACT TANK
 IF OTHER TANK FAILS = 60 BBLS
 VOLUME INCREASE FOR PRECIPITATION AND
 TO BE USED AS FREEBOARD = 40 BBLS(10%)
 TOTAL CONTAINMENT REQUIRED WITHIN
 SECONDARY CONTAINMENT = 500 BBLS

SECONDARY CONTAINMENT
 VOL. = 43'x22'x36" = 504 BBLS
 SECONDARY CONTAINMENT IS ADEQUATE

BERM #2
VESSEL CONTAINMENT
 TANK #1 = 400 BBLS
 TANK #2 = 400 BBLS
 TANK #3 = 400 BBLS
 TANK #4 = 400 BBLS
 VOLUME USED BY INTACT TANK
 IF OTHER TANK FAILS = 150 BBLS
 VOLUME INCREASE FOR PRECIPITATION AND
 TO BE USED AS FREEBOARD = 40 BBLS(10%)
 TOTAL CONTAINMENT REQUIRED WITHIN
 SECONDARY CONTAINMENT = 590 BBLS

SECONDARY CONTAINMENT
 VOL. = 81'x24'x30" = 807 BBLS
 SECONDARY CONTAINMENT IS ADEQUATE

BERM #3
VESSEL CONTAINMENT
 TANK #1 = 300 BBLS
 TANK #2 = 500 BBLS
 TANK #3 = 500 BBLS
 TANK #4 = 500 BBLS
 TANK #5 = 500 BBLS
 VOLUME USED BY INTACT TANK
 IF OTHER TANK FAILS = 186 BBLS
 VOLUME INCREASE FOR PRECIPITATION AND
 TO BE USED AS FREEBOARD = 50 BBLS(10%)
 TOTAL CONTAINMENT REQUIRED WITHIN
 SECONDARY CONTAINMENT = 736 BBLS

SECONDARY CONTAINMENT
 VOL. = 86'x24'x28" = 855 BBLS
 SECONDARY CONTAINMENT IS ADEQUATE

UINTAH ENGINEERING & LAND SURVEYING
 85 So. 200 East Vernal, Utah

POSITION OF VALVES AND USE OF SEALS DURING PRODUCTION

VALVE	LINE PURPOSE	POSITION	SEAL INSTALLED
D-1	DRAIN	CLOSED	YES
S-1	SALES	CLOSED	YES

POSITION OF VALVES AND USE OF SEALS DURING SALES

VALVE	LINE PURPOSE	POSITION	SEAL INSTALLED
D-1	DRAIN	CLOSED	YES
S-1	SALES	OPEN	NO

POSITION OF VALVES AND USE OF SEALS DURING WATER DRAIN

VALVE	LINE PURPOSE	POSITION	SEAL INSTALLED
D-1	DRAIN	OPEN	NO
S-1	SALES	CLOSED	YES

LEGEND:

S-1 SALES VALVE
 D-1 DRAIN VALVE

NOTE:
 THIS LEASE IS SUBJECT TO THE SITE
 SECURITY PLAN FOR THE NATURAL
 BUTTES/OURAY FIELD FOR
 WESTPORT OIL & GAS CO., L.P.
 THE PLAN IS LOCATED AT:
 1368 SOUTH 1200 EAST
 VERNAL, UT 84078

WESTPORT OIL & GAS CO., L.P.

SITE SECURITY/SPCC

NBU #159 SWD / CENTRAL STORAGE
 NE SW SECTION 35, T9S, R21E S.L.B.&M.
 LEASE #U01194 UNIT #891008900A

DATE: 12-12-03
 SCALE: No Scale
 DRAWN BY: C.G.

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use APPLICATION FOR PERMIT – for such proposals		6. Lease Designation and Serial Number ST-U-01194
		7. Indian Allottee or Tribe Name
		8. Unit or Communitization Agreement NATURAL BUTTES
1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other (specify) <u>W.D.</u>		9. Well Name and Number NBU 159
2. Name of Operator WESTPORT OIL & GAS COMPANY, L.P.		10. API Well Number 43-047-31996
3. Address of Operator P.O. BOX 1148, VERNAL, UTAH 84078	4. Telephone Number (435)781-7060	11. Field and Pool, or Wildcat NATURAL BUTTES
5. Location of Well Footage : 1958' FSL 1945' FWL County : UINTAH QQ, Sec, T., R., M : NESW SEC 35-T9S-R21E State : UTAH		
12. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		

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13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

PUMP 5 DRUMS OF 15% HCL ACID DOWN TBG. NO FLUSH.

RECEIVED
 DEC 22 2003
 DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct.

Name & Signature DEBRA DOMENICI *Debra Domenici* Title SR ADMIN ASSIST Date 12/15/03

(State Use Only)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use APPLICATION FOR PERMIT -- for such proposals		6. Lease Designation and Serial Number ST-U-01194
		7. Indian Allottee or Tribe Name
		8. Unit or Communitization Agreement NATURAL BUTTES
1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other (specify) <u>WD</u>		9. Well Name and Number NBU 159
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13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

PUMP 5 DRUMS OF 15% HCL ACID WITH NO FLUSH.

RECEIVED
 MAR 01 2004
 DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct.

Name & Signature DEBRA DOMENICI *Debra Domenici* Title SR ADMIN ASSIST Date 02/23/04

(State Use Only)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

RECEIVED**APR 05 2004**

DIV. OF OIL, GAS & MINING

SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use APPLICATION FOR PERMIT -- for such proposals		6. Lease Designation and Serial Number ST-U-01194
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 (Submit in Duplicate)

<input type="checkbox"/> Abandonment	<input type="checkbox"/> New Construction
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<input type="checkbox"/> Other _____	

Approximate Date Work Will Start _____

SUBSEQUENT REPORT
 (Submit Original Form Only)

<input type="checkbox"/> Abandonment *	<input type="checkbox"/> New Construction
<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing
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<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Vent or Flare
<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Other _____	

Date of Work Completion 3/25/04

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

* Must be accompanied by a cement verification report.

13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

PUMP 5 DRUMS OF 15% HCL ACID DOWN TUBING WITH NO FLUSH.

14. I hereby certify that the foregoing is true and correct.

Name & Signature DEBRA DOMENICI *Debra Domenici* Title SR ADMIN ASSIST Date 04/01/04

(State Use Only)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
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SUBSEQUENT REPORT
 (Submit Original Form Only)

<input type="checkbox"/> Abandonment *	<input type="checkbox"/> New Construction
<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing
<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Shoot or Acidize
<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Vent or Flare
<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Other <u>CONDENSATE STORAGE</u>	

Date of Work Completion 12/22/03

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

* Must be accompanied by a cement verification report.

13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

EFFECTIVE 12/22/03 WESTPORT OIL & GAS' CENTRAL CONDENSATE STORAGE AND MEASUREMENT POINT FOR THE NATURAL BUTTES UNIT HAS BEEN MOVED FROM THE NBU 4 TO THE NBU 159 SWD. THIS WILL FACILITATE LESS TRUCKING OF CONDENSATE. PLEASE SEE THE ATTACHED SITE SECURITY DIAGRAM.

IT IS OUR UNDERSTANDING THAT EOG WILL CONTINUE TO MEASURE THEIR CONDENSATE ON LEASE.

COPY SENT TO OPERATOR
 Date: 6-30-04
 Initials: CHD

Accepted by the
 Utah Division of
 Oil, Gas and Mining
 Date: 6/28/04
 By: [Signature]

Federal Approval Of This
 Action Is Necessary

RECEIVED
JUN 22 2004
 DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct.

Name & Signature DEBRA DOMENICI [Signature] Title REG. ADMIN. ASSIST Date 06/08/04

(State Use Only)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use APPLICATION FOR PERMIT -- for such proposals		6. Lease Designation and Serial Number ST-U-01194
		7. Indian Allottee or Tribe Name
		8. Unit or Communitization Agreement NATURAL BUTTES
1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other (specify)		9. Well Name and Number NBU 159
2. Name of Operator WESTPORT OIL & GAS COMPANY, L.P.		10. API Well Number 43-047-31996
3. Address of Operator P.O. BOX 1148, VERNAL, UTAH 84078	4. Telephone Number (435)781-7060	11. Field and Pool, or Wildcat NATURAL BUTTES
5. Location of Well Footage : 1958' FSL 1945' FWL County : UINTAH QQ, Sec, T., R., M : NESW SEC 35-T9S-R21E State : UTAH		
12. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		

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13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

PUMP 5 DRUMS OF 15% HCL ACID DOWN TBG.

ACCEPTED
 DIVISION OF
 OIL & GAS
 MINING
 FOR REVIEW ONLY

14. I hereby certify that the foregoing is true and correct.

Name & Signature DEBRA DOMENICI *Debra Domenici* Title REG. ADM. ASSIST. Date 07/01/04

(State Use Only)

RECEIVED
 JUL 06 2004
 DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use APPLICATION FOR PERMIT -- for such proposals		6. Lease Designation and Serial Number ST-U-01194
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NOTICE OF INTENT
 (Submit in Duplicate)

<input type="checkbox"/> Abandonment	<input type="checkbox"/> New Construction
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<input type="checkbox"/> Multiple Completion	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Other _____	

Approximate Date Work Will Start _____

SUBSEQUENT REPORT
 (Submit Original Form Only)

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Date of Work Completion 7/21/04

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

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PUMP 10 DRUMS OF 15% HCL ACID DOWN TBG.

RECEIVED

AUG 03 2004

DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct.

Name & Signature DEBRA DOMENICI *Debra Domenici* Title ENVIRONMENTAL ASSISTANT Date 07/28/04

(State Use Only)

STATE OF UTAH
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DIVISION OF OIL, GAS AND MINING

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PUMP 10 DRUMS OF 15% HCL ACID DOWN TBG.

RECEIVED
AUG 03 2004
 DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct.

Name & Signature DEBRA DOMENICI *Debra Domenici* Title ENVIRONMENTAL ASSISTANT Date 07/28/04

(State Use Only)

STATE OF UTAH
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PUMP 10 DRUMS OF 15% HCL ACID DOWN TBG AND FLUSH WITH DISPOSAL WATER.

RECEIVED

NOV 24 2004

DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct.

Name & Signature DEBRA DOMENICI *Debra Domenici* Title ENVIRONMENTAL ASSISTANT Date 11/18/04

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STATE OF UTAH
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PUMP 1250 GALLONS OF 15% HCL ACID DOWN TBG AND FLUSH WITH DISPOSAL WATER.

14. I hereby certify that the foregoing is true and correct.

Name & Signature DEBRA DOMENICI *Debra Domenici* Title ASSOC. ENVIRO. ANALYST Date 08/16/05
 (State Use Only)

RECEIVED

AUG 19 2005

DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL ☐ GAS WELL ☒ OTHER WD

2. NAME OF OPERATOR:
WESTPORT OIL & GAS COMPANY L.P.

3. ADDRESS OF OPERATOR:
1368 S. 1200 E. CITY VERNAL STATE UT ZIP 84078

PHONE NUMBER:
(435) 781-7024

4. LOCATION OF WELL

FOOTAGES AT SURFACE: 1958'FSL & 1945'FWL

COUNTY: UINTAH

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NESW 35 9S 21E

STATE: UTAH

5. LEASE DESIGNATION AND SERIAL NUMBER:
ST-U-01194

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:
NATURAL BUTTES UNIT

8. WELL NAME and NUMBER:
NBU 159

9. API NUMBER:
4304731996

10. FIELD AND POOL, OR WILDCAT:
NATURAL BUTTES

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON	
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>MAINTENANCE</u>	
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION		

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

09/12/05 PROG: 9/10/05: 7:00 AM. RD ON THE CIGE 225. MOVE TO THE NBU 159. RU RIG. TBG & CSG ON VACUUM. ND WLHEAD. WORK TBG TO UNSET PKR. THOUGHT PKR TO BE UNSET @ 1549'. POOH LD 2-7/8" TBG. 49 JTS & SPLIT COLLAR. (2 SPLIT COLLARS & NUMEROUS HOLES IN TBG) LEFT IN WL 1 JT 2-7/8 TBG & PKR. CALL OUT FISHING TOOLS. PU 4-11/16 OVERSHOT W/3-3/32 GRAPPEL (SHORT CATCH). JAR, 3-3/4" BUMPER SUB. RIH W/ YELLOW BAND N-80 27/8" TBG. LATCH FISH @ 1513'. WORK TBG UNSET PKR @ 1549'. POOH W/2-7/8" TBG, FISHING TOOLS, 1 JT 2-7/8 TBG, ARROW PKR. SWI 6:00 PM.

9/11/05: 7:00 AM OPEN WL. 0#. PU 5-1/2" ARROW SET PKR (SAME PKR THAT WAS IN IT, BUT HAD IT REDRESSED). PKR IS COATED. 2.31 X-NIPPLE, RIH W/2-7/8" TBG 47 JTS. ND BOP. SET PKR @ 1523.73. LAND TBG W/PKR IN 4000# COMPRESION. NU WLHEAD. FILL CSG W/2% KCL & PKR FLUID, 22 BBLs. RU QUICK TEST. PRESS UP TO 1000#. CHART FOR 1 HR W/NO BLEED OF. RD TESTER. RD RIG, MOVE OFF.

NAME (PLEASE PRINT) SHEILA UPCHEGO

TITLE REGULATORY ANALYST

SIGNATURE

DATE 10/27/2005

(This space for State use only)

RECEIVED
NOV 02 2005

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

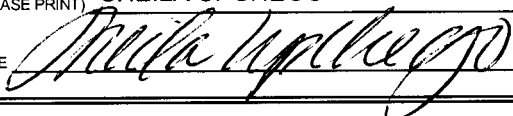
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <u>SWD</u>		5. LEASE DESIGNATION AND SERIAL NUMBER: ST-U-01194
2. NAME OF OPERATOR: WESTPORT OIL & GAS COMPANY L.P.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 1368 S. 1200 E. CITY <u>VERNAL</u> STATE <u>UT</u> ZIP <u>84078</u>		7. UNIT or CA AGREEMENT NAME: NATURAL BUTTES UNIT
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1958'FSL & 1945'FWL		8. WELL NAME and NUMBER: NBU 159
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NESW 35 9S 21E		9. API NUMBER: 4304731996
COUNTY: UINTAH		10. FIELD AND POOL, OR WILDCAT: NATURAL BUTTES
STATE: UTAH		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input checked="" type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 10/19/2005	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

10/19/05: PMP 4000 GALS OF 15% HCL ACID.

NAME (PLEASE PRINT) SHEILA UPCHEGO	TITLE REGULATORY ANALYST
SIGNATURE 	DATE 10/28/2005

(This space for State use only)

RECEIVED

DIV. OF OIL, GAS & MINING

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

ROUTING

1. DJJ

2. CDW

X Change of Operator (Well Sold)

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:

1/6/2006

FROM: (Old Operator):

N2115-Westport Oil & Gas Co., LP

1368 South 1200 East

Vernal, UT 84078

Phone: 1-(435) 781-7024

TO: (New Operator):

N2995-Kerr-McGee Oil & Gas Onshore, LP

1368 South 1200 East

Vernal, UT 84078

Phone: 1-(435) 781-7024

CA No.

Unit:

WELL NAME

SEC TWN RNG

API NO

ENTITY

LEASE

WELL

WELL

NO

TYPE

TYPE

STATUS

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 5/10/2006
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 5/10/2006
3. The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 3/7/2006
4. Is the new operator registered in the State of Utah: YES Business Number: 1355743-0181
- 5a. (R649-9-2)Waste Management Plan has been received on: IN PLACE
- 5b. Inspections of LA PA state/fee well sites complete on: n/a 3 LA wells & all PA wells transferred
- 5c. Reports current for Production/Disposition & Sundries on: ok
6. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM 3/27/2006 BIA not yet
7. **Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: 3/27/2006
8. **Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: n/a
9. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 12/15/2006

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database** on: 12/15/2006
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 12/15/2006
3. Bond information entered in RBDMS on: 12/15/2006
4. Fee/State wells attached to bond in RBDMS on: 12/16/2006
5. Injection Projects to new operator in RBDMS on: _____
6. Receipt of Acceptance of Drilling Procedures for APD/New on: n/a Name Change Only

BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: CO1203
2. Indian well(s) covered by Bond Number: RLB0005239
3. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number RLB0005236
- a. The **FORMER** operator has requested a release of liability from their bond on: n/a rider added KMG
The Division sent response by letter on: _____

LEASE INTEREST OWNER NOTIFICATION:

4. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: 5/16/2006

COMMENTS:

Westport Oil Gas Co LP (N2115) to Kerr-Mcgee Oil Gas Onshore, LP (N2995) sorted by Unit, Lease
Type API

well_name	sec	twsp	rng	api	entity	lease	well	stat
WELLINGTON FED 44-6 SWD	06	140S	110E	4300730912	13919	Federal	WD	A
WELLINGTON FED 22-04 SWD	04	140S	110E	4300730967	14826	Federal	WD	A
SOUTHMAN CANYON U 3	15	100S	230E	4304715880	99990	Federal	WD	A
OURAY SWD 1	01	090S	210E	4304733449	13274	Fee	WD	A
				NATURAL BUTTES UNIT				
NBU 21-20B	20	090S	200E	4304730359	2900	Federal	WD	A
CIGE 9	36	090S	220E	4304730419	2900	State	WD	A
NBU 159	35	090S	210E	4304731996	2900	State	WD	A
NBU 47N2	30	100S	220E	4304730534	2900	Federal	WI	A
NBU 347	11	100S	220E	4304733709	2900	State	WI	A

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

UIC FORM 5

TRANSFER OF AUTHORITY TO INJECT

Well Name and Number Several-See Attached	API Number
Location of Well	Field or Unit Name Natural Buttes
Footage : _____ County : Uintah	Lease Designation and Number
QQ, Section, Township, Range: _____ State : UTAH	

EFFECTIVE DATE OF TRANSFER: 1/6/2006

CURRENT OPERATOR

N2115

Company: Westport Oil and Gas Company	Name: Carroll Estes
Address: 1368 South 1200 East	Signature: <i>Carroll Estes</i>
city Vernal state UT zip 84078	Title: Principal Environmental Specialist
Phone: (435) 789-4433	Date: 12/14/2006
Comments:	

NEW OPERATOR

N2995

Company: Kerr McGee Oil and Gas Company, LP	Name: Carroll Estes
Address: 1368 South 1200 East	Signature: <i>Carroll Estes</i>
city Vernal state UT zip 84078	Title: Staff Environmental Specialist
Phone: (435) 789-4433	Date: 12/14/2006
Comments:	

(This space for State use only)

Transfer approved by: *Don Jones*
Title: *UIC Geologist*

Approval Date: *12/20/06*

Comments:

*Only applies to Wellington Fed 44-6
and Wellington Fed 22-04.
All other wells are in Indian country
and need EPA approval*

RECEIVED

DEC 15 2006

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS
**Do not use this form for proposals to drill or reenter an
abandoned well. Use Form 3160-3 (APD) for such proposals.**

5. Lease Serial No.
MULTIPLE LEASES

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

MUTIPLE WELLS

9. API Well No.

10. Field and Pool, or Exploratory Area

11. County or Parish, State

UINTAH COUNTY, UTAH

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

KERR-McGEE OIL & GAS ONSHORE LP

3a. Address

1368 SOUTH 1200 EAST VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-7024

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SEE ATTACHED

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other CHANGE OF OPERATOR
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleation in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

PLEASE BE ADVISED THAT KERR-McGEE OIL & GAS ONSHORE LP, IS CONSIDERED TO BE THE OPERATOR OF THE ATTACHED WELL LOCATIONS. EFFECTIVE JANUARY 6, 2006.
KERR-McGEE OIL & GAS ONSHORE LP, IS RESPONSIBLE UNDER TERMS AND CONDITIONS OF THE LEASE(S) FOR THE OPERATIONS CONDUCTED UPON LEASE LANDS. BOND COVERAGE IS PROVIDED BY STATE OF UTAH NATIONWIDE BOND NO. RLB0005237.

RECEIVED

MAY 10 2006

DIV. OF OIL, GAS & MINING

BLM BOND = C01203
BIA BOND = RLB0005237

APPROVED 5116106

Earlene Russell

Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

RANDY BAYNE

Signature

Randy Bayne

Title

DRILLING MANAGER

Date

May 9, 2006

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS

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5. Lease Serial No.

MULTIPLE LEASES

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

MUTIPLE WELLS

9. API Well No.

10. Field and Pool, or Exploratory Area

11. County or Parish, State

UINTAH COUNTY, UTAH

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

WESTPORT OIL & GAS COMPANY L.P.

3a. Address

1368 SOUTH 1200 EAST VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-7024

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

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<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other CHANGE OF OPERATOR
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
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EFFECTIVE JANUARY 6, 2006, WESTPORT OIL & GAS COMPANY L.P., HAS RELINQUISHED THE OPERATORSHIP OF THE ATTACHED WELL LOCATIONS TO KERR-McGEE OIL & GAS ONSHORE LP.

APPROVED 5/16/06
Earlene Russell
Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician

RECEIVED
MAY 10 2006

DIV OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

BRAD LANEY

Signature

Title

ENGINEERING SPECIALIST

Date

May 9, 2006

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Brad Laney

Title

Date

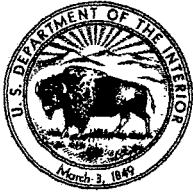
5-9-06

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)



United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Colorado State Office
2850 Youngfield Street
Lakewood, Colorado 80215-7076

IN REPLY REFER TO:

CO922 (MM)
3106
COC017387 et. al.

March 23, 2006

NOTICE

Kerr-McGee Oil & Gas Onshore L.P. :
1999 Broadway, Suite 3700 : Oil & Gas
Denver, CO 80202 :

Merger/Name Change - Recognized

On February 28, 2006 this office received acceptable evidence of the following mergers and name conversion:

Kerr-McGee Oil & Gas Onshore L.P., a Delaware Limited Partnership, and Kerr-McGee Oil & Gas Onshore LLC, a Delaware Limited Partnership merger with and into Westport Oil and Gas Company L.P., a Delaware Limited Partnership, and subsequent Westport Oil & Gas Company L.P. name conversion to Kerr-McGee Oil & Gas Onshore L.P.

For our purposes the merger and name conversion was effective January 4, 2006, the date the Secretary of State of Delaware authenticated the mergers and name conversion.

Kerr-McGee Oil & Gas Onshore L.P. provided a list of oil and gas leases held by the merging parties with the request that the Bureau of Land Management change all their lease records from the named entities to the new entity, Kerr-McGee Oil & Gas Onshore L.P. In response to this request each state is asked to retrieve their own list of leases in the names of these entities from the Bureau of Land Management's (BLM) automated LR2000 data base.

The oil and gas lease files identified on the list provided by Kerr-McGee Oil & Gas Onshore L.P. have been updated as to the merger and name conversion. We have not abstracted the lease files to determine if the entities affected by the acceptance of these documents holds an interest in the lease, nor have we attempt to identify leases where the entity is the operator on the ground that maintains vested record title or operating rights interests. If additional documentation, for change of operator, is required you will be contacted directly by the appropriate Field Office. The Mineral Management Services (MMS) and other applicable BLM offices were notified of the merger with a copy of this notice

Please contact this office if you identify additional leases where the merging party maintains an interest, under our jurisdiction, and we will document the case files with a copy of this notice. If the leases are under the jurisdiction of another State Office that information will be forwarded to them for their action.

Three riders accompanied the merger/name conversion documents which will add Kerr-McGee Oil and Gas Onshore LLC as a principal to the 3 Kerr-McGee bonds maintained by the Wyoming State Office. These riders will be forward to them for their acceptance.

The Nationwide Oil & Gas Continental Casualty Company Bond #158626364 (BLM Bond #CO1203), maintained by the Colorado State Office, will remain in full force and effect until an assumption rider is accepted by the Wyoming State Office that conditions their Nationwide Safeco bond to accept all outstanding liability on the oil and gas leases attached to the Colorado bond.

If you have questions about this action you may call me at 303.239.3768.

/s/Martha L. Maxwell
Martha L. Maxwell
Land Law Examiner
Fluid Minerals Adjudication

Attachment:

List of OG Leases to each of the following offices:

MMS MRM, MS 357B-1

WY, UT, NM/OK/TX, MT/ND, WY State Offices

CO Field Offices

Wyoming State Office

Rider #1 to Bond WY2357

Rider #2 to Bond WY1865

Rider #3 to Bond WY1127



United States Department of the Interior

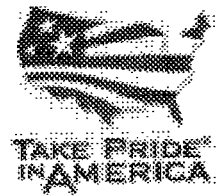
BUREAU OF LAND MANAGEMENT

Utah State Office

P.O. Box 45155

Salt Lake City, UT 84145-0155

<http://www.blm.gov>



IN REPLY REFER TO:

3106

(UT-922)

March 27, 2006

Memorandum

To: Vernal Field Office

From: Chief, Branch of Fluid Minerals

Subject: Merger Approval

Attached is an approved copy of the merger recognized by the Bureau of Land Management, Colorado State Office. We have updated our records to reflect the merger from Westport Oil and Gas Company L.P. into Kerr-McGee Onshore Oil and Gas Company. The merger was approved effective January 4, 2006.

Chief, Branch of
Fluid Minerals

Enclosure

Approval letter from BLM COSO (2 pp)

cc: MMS, Reference Data Branch, James Sykes, PO Box 25165, Denver CO 80225
State of Utah, DOGM, Attn: Earlene Russell, PO Box 145801, SLC UT 84114
Teresa Thompson
Joe Incardine
Connie Seare
Dave Mascarenas
Susan Bauman

RECEIVED

MAR 28 2006

DIV. OF OIL, GAS & MINING



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 8

1595 Wynkoop Street
DENVER, CO 80202-1129
Phone 800-227-8917
<http://www.epa.gov/region08>

Ref: 8ENF-UFO

MAR 14 2008

CERTIFIED MAIL 7005-0390-0000-4848-5436
RETURN RECEIPT REQUESTED

Carroll Estes, Principal Environmental Specialist
Westport Oil & Gas Company
1368 South 1200 East
Vernal, Utah 84078

**Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY**

43 047 31996
95 21E 35

Re: Underground Injection Control (UIC)
Permission To Resume Injection
Natural Buttes #159 Well
EPA Permit# UT20718-03784
Natural Buttes Oil Field
Uintah County, Utah

Dear Mr. Estes:

On March 14, 2008, EPA received information from you on the above referenced well concerning the workover to address a tubing leak and the followup mechanical integrity test (MIT) conducted on March 13, 2008. The data submitted shows that the well passed the required MIT. Therefore, pursuant to Title 40 of the Code of Federal Regulations Section 144.51(q)(2) (40 C.F.R. §144.51(q)(2)), permission to resume injection is granted. Under continuous service, the next MIT will be due on or before March 13, 2013.

Pursuant to 40 C.F.R. §144.52(a)(6), if the well is not used for a period of at least two (2) years ("temporary abandonment"), it shall be plugged and abandoned unless EPA is notified and procedures are described to EPA ensuring the well will not endanger underground sources of drinking water ("non-endangerment demonstration") during its continued temporary abandonment. A successful MIT is an acceptable non-endangerment demonstration and would be necessary every two (2) years the well continues in temporary abandonment.

Failure to comply with a UIC Permit, or the UIC regulations found at 40 C.F.R. Parts 144 through 148 constitute one or more violations of the Safe Drinking Water Act, 42 U.S.C. §300h. Such non-compliance may subject you to formal enforcement by EPA, as codified at 40 C.F.R. Part 22.

RECEIVED
MAR 19 2008
DIV. OF OIL, GAS & MINING

If you have any questions concerning this letter, you may contact Nathan Wiser at (303) 312-6211. Please direct all correspondence to the attention of Nathan Wiser at Mail Code 8ENF-UFO.

Sincerely,



Mark A.R. Chalfant
Director
Technical Enforcement Program

cc: Curtis Cesspooch, Chairman
Uintah & Ouray Business Committee
P.O. Box 190
Fort Duchesne, Utah 84026

Shaun Chapoose, Land Use Department Director
Ute Indian Tribe
P.O. Box 460
Fort Duchesne, Utah 84026

Gil Hunt
Utah Division of Oil, Gas and Mining
P.O. Box 145801
Salt Lake City, Utah 84114



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 8

1595 Wynkoop Street
DENVER, CO 80202-1129
Phone 800-227-8917
<http://www.epa.gov/region08>

Ref: 8ENF-UFO

OCT - 9 2008

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OCT 20 2008

CERTIFIED MAIL 7005-0390-0000-4848-5689
RETURN RECEIPT REQUESTED

DIV. OF OIL, GAS & MINING

Grizz Oleen, Staff Environmental Analyst
Kerr McGee Onshore Oil and Gas, L.P.
1368 South 1200 East
Vernal, Utah 84078

43 047 31996
95 21E 35

Re: Underground Injection Control (UIC)
Permission To Resume Injection
NBU #159 Well
EPA Permit #UT20718-03784
Natural Buttes Oil Field
Uintah County, Utah

Dear Mr. Oleen:

On October 9, 2008, EPA received information from Kerr McGee Onshore Oil and Gas, L.P. on the above referenced well concerning the workover to address a tubing leak and the followup mechanical integrity test (MIT) conducted on October 8, 2008. The data submitted shows that the well passed the required MIT. Therefore, pursuant to Title 40 of the Code of Federal Regulations Section 144.51(q)(2) (40 C.F.R. §144.51(q)(2)), permission to resume injection is granted. Under continuous service, the next MIT will be due on or before October 8, 2013.

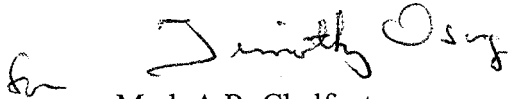
Pursuant to 40 C.F.R. §144.52(a)(6), if the well is not used for a period of at least two (2) years ("temporary abandonment"), it shall be plugged and abandoned unless EPA is notified and procedures are described to EPA ensuring the well will not endanger underground sources of drinking water ("non-endangerment demonstration") during its continued temporary abandonment. A successful MIT is an acceptable non-endangerment demonstration and would be necessary every two (2) years the well continues in temporary abandonment.

Failure to comply with a UIC Permit, or the UIC regulations found at 40 C.F.R. Parts 144 through 148 constitute one or more violations of the Safe Drinking Water Act, 42 U.S.C. §300h. Such non-compliance may subject you to formal enforcement by EPA, as codified at 40 C.F.R. Part 22.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

If you have any questions concerning this letter, you may contact Nathan Wiser at (303) 312-6211. Please direct all correspondence to the attention of Nathan Wiser at Mail Code 8ENF-UFO.

Sincerely,



Mark A.R. Chalfant
Director
Technical Enforcement Program

cc: Curtis Cesspooch, Chairman
Uintah & Ouray Business Committee
P.O. Box 190
Fort Duchesne, Utah 84026

Michelle Sabori, Acting Environmental Director
Ute Indian Tribe
P.O. Box 190
Fort Duchesne, Utah 84026

Gil Hunt
Utah Division of Oil, Gas and Mining
P.O. Box 145801
Salt Lake City, Utah 84114



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 8

1595 Wynkoop Street
DENVER, CO 80202-1129
Phone 800-227-8917
<http://www.epa.gov/region08>

SEP 17 2009

Ref: 8ENF-UFO

CERTIFIED MAIL 7005-1160-0005-3396-8466
RETURN RECEIPT REQUESTED

Grizz Oleen, Staff Environmental Analyst
Kerr McGee Onshore Oil and Gas, L.P.
1368 South 1200 East
Vernal, Utah 84078

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

43 047 31996
9S 21E 35

Re: Underground Injection Control (UIC)
Permission To Resume Injection
NBU #159 Well
EPA Permit #UT20718-03784
Natural Buttes Oil Field
Uintah County, Utah

Dear Mr. Oleen:

On September 16, 2009, EPA received information from Kerr McGee Onshore Oil and Gas, L.P. on the above referenced well concerning the workover to install fiberglass-lined tubing and the followup mechanical integrity test (MIT) conducted on September 16, 2009. The data submitted shows that the well passed the required MIT. Therefore, pursuant to Title 40 of the Code of Federal Regulations Section 144.51(q)(2) (40 C.F.R. §144.51(q)(2)), permission to resume injection is granted. Under continuous service, the next MIT will be due on or before September 16, 2014.

Pursuant to 40 C.F.R. §144.52(a)(6), if the well is not used for a period of at least two (2) years ("temporary abandonment"), it shall be plugged and abandoned unless EPA is notified and procedures are described to EPA ensuring the well will not endanger underground sources of drinking water ("non-endangerment demonstration") during its continued temporary abandonment. A successful MIT is an acceptable non-endangerment demonstration and would be necessary every two (2) years the well continues in temporary abandonment.

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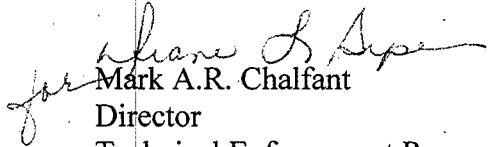
RECEIVED

SEP 21 2009

DIV. OF OIL, GAS & MINING

If you have any questions concerning this letter, you may contact Nathan Wiser at (303) 312-6211. Please direct all correspondence to the attention of Nathan Wiser at Mail Code 8ENF-UFO.

Sincerely,


Mark A.R. Chalfant
Director
Technical Enforcement Program

cc: Curtis Cesspooch, Chairman
Uintah & Ouray Business Committee
P.O. Box 190
Fort Duchesne, Utah 84026

Ferron Secakuku, Natural Resources Director
Ute Indian Tribe
P.O. Box 190
Fort Duchesne, Utah 84026

Gil Hunt
Utah Division of Oil, Gas and Mining
P.O. Box 145801
Salt Lake City, Utah 84114



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 8

1595 Wynkoop Street
DENVER, CO 80202-1129
Phone 800-227-8917
<http://www.epa.gov/region08>

DEC - 9 2009

Ref: 8ENF-UFO

CERTIFIED MAIL 7005-1160-0005-3396-8596
RETURN RECEIPT REQUESTED

RECEIVED

DEC 14 2009

DIV. OF OIL, GAS & MINING

Grizz Oleen, Staff Environmental Analyst
Kerr McGee Oil & Gas Onshore LP
1368 South 1200 East
Vernal, Utah 84078

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

43 047 31996
95 21E 35
Re: Underground Injection Control (UIC)
Permission To Resume Injection
NBU #159 SWD Well
EPA Permit #UT20718-03784
Natural Buttes Field
Uintah County, Utah

Dear Mr. Oleen:

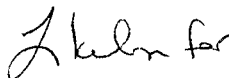
On December 8, 2009, EPA received information from Kerr McGee Oil & Gas Onshore LP on the above referenced well concerning the planned workover to replace the 2½ inch diameter tubing with 3½ inch diameter tubing, and the followup mechanical integrity test (MIT) conducted on December 8, 2009. The data submitted shows that the well passed the required MIT. Therefore, pursuant to Title 40 of the Code of Federal Regulations Section 144.51(q)(2) (40 C.F.R. §144.51(q)(2)), permission to resume injection is granted. Under continuous service, the next MIT will be due on or before December 8, 2014.

Pursuant to 40 C.F.R. §144.52(a)(6), if the well is not used for a period of at least two (2) years ("temporary abandonment"), it shall be plugged and abandoned unless EPA is notified and procedures are described to EPA ensuring the well will not endanger underground sources of drinking water ("non-endangerment demonstration") during its continued temporary abandonment. A successful MIT is an acceptable non-endangerment demonstration and would be necessary every two (2) years the well continues in temporary abandonment.

Failure to comply with a UIC Permit, or the UIC regulations found at 40 C.F.R. Parts 144 through 148 constitute one or more violations of the Safe Drinking Water Act, 42 U.S.C. §300h. Such non-compliance may subject you to formal enforcement by EPA, as codified at 40 C.F.R. Part 22.

If you have any questions concerning this letter, you may contact Nathan Wiser at (303) 312-6211. Please direct all correspondence to the attention of Nathan Wiser at Mail Code 8ENF-UFO.

Sincerely,



Mark A.R. Chalfant
Director
Technical Enforcement Program

cc: Curtis Cesspooch, Chairman
Uintah & Ouray Business Committee
P.O. Box 190
Fort Duchesne, Utah 84026

Ferron Secakuku, Natural Resources Director
Ute Indian Tribe
P.O. Box 190
Fort Duchesne, Utah 84026

Gil Hunt
Utah Division of Oil, Gas and Mining
P.O. Box 145801
Salt Lake City, Utah 84114



Kerr-McGee Oil & Gas Onshore LP

1368 South 1200 East Vernal Utah 84078
Telephone: 435-789-4433 Fax: 435-781-7094

December 8, 2009

Mr. Nathan Wiser
US Environmental Protection Agency
U.S. EPA Region 8 (8ENF-UFO)
1595 Wynkoop Street
Denver, Colorado 80202-2466

43 047 31996
9S 21E 35

Re: UIC SWD Permit UT2718-03784
NBU No. 159 SWD
MIT 12/08/2009
Uintah County, Utah

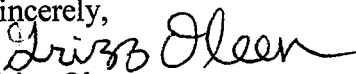
Dear Mr. WISER,

Kerr McGee Oil & Gas would like to inform the EPA-UIC Program that we have completed our well re-work and successful part I MIT on the NBU 159 SWD. The well rework consisted of changing out the 2 ½" lined tubing with 3 ½" lined tubing. Enclosed please find the following:

- 1) Well Rework Record
- 2) MIT and chart 12-08-2009
- 3) Current Well bore diagram

The well is currently shut in and we are awaiting your response and permission to inject. If you need clarification of any of the attached materials or additional information, please contact me with any questions or requests.

Sincerely,


Grizz Oleen

Staff Environmental Analyst
Kerr McGee Oil and Gas Company, L.P.
435-781-7009
435-790-9669

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

Enclosure: Several

cc: Energy & Mineral Res Dept, Ute Indian Tribe
BIA, Uintah & Ouray Indian Agency
Vernal Well File
UDOGM

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DEC 22 2009

DIV. OF OIL, GAS & MINING

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

WELL REWORK RECORD

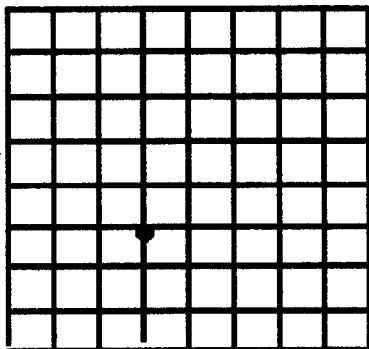
NAME AND ADDRESS OF PERMITTEE
KERR MCGEE ONSHORE OIL AND GAS, LP
1368 SOUTH 1200 EAST
VERNAL, UT 84078NAME AND ADDRESS OF CONTRACTOR
KERR MCGEE ONSHORE OIL AND GAS, LP
1368 SOUTH 1200 EAST
VERNAL, UT 84078LOCATE WELL AND OUTLINE UNIT ON
SECTION PLAT -- 640 ACRESSTATE
UTAHCOUNTY
UINTAHPERMIT NUMBER
UT207198-03784

N

W

E

S



SURFACE LOCATION DESCRIPTION

NE 1/4 OF SW 1/4 OF 1/4 SECTION 35 TOWNSHIP 9S RANGE 21E

LOCATE WELL IN TWO DIRECTIONS FROM NEAREST LINES OF QUARTER SECTION AND DRILLING UNIT

Surface

Location 1958' ft. from (N/S) S Line of quarter section

and 1945' ft. from (E/W) W Line of quarter section

WELL ACTIVITY
☒ Brine Disposal
☐ Enhanced Recovery
☐ Hydrocarbon StorageTotal Depth Before Rework
2500'Total Depth After Rework
2500'

TYPE OF PERMIT

☒ Individual
☐ Area
Number of Wells 1

Lease Name

Date Rework Commenced
12/7/2009

Well Number

NATURAL BUTTES UNIT

Date Rework Completed
12/8/2009

NBU 159 SWD

WELL CASING RECORD -- BEFORE REWORK

Casing		Cement		Perforations		Acid or Fracture Treatment Record
Size	Depth	Sacks	Type	From	To	
8-5/8	275	180	G	NA		NONE THIS JOB
5-1/2	6049	635	Lite+G	1600	1830	

WELL CASING RECORD -- AFTER REWORK (Indicate Additions and Changes Only)

Casing		Cement		Perforations		Acid or Fracture Treatment Record
Size	Depth	Sacks	Type	From	To	
8-5/8	275	180	G	NA		NONE THIS JOB
5-1/2	6049	635	Lite+G	1600	1830	

DESCRIBE REWORK OPERATIONS IN DETAIL
USE ADDITIONAL SHEETS IF NECESSARYMIRU WO rig. Pull tbg and packer. Run new 3 1/2 inch tbg.
Fill csg w/packer fluid. MIT casing to 500 psi
For 30 minutes. RDMO WO rig. Wait for EPA for permission to inject.
Packer @1558' before and 1551' after.

WIRE LINE LOGS. LIST EACH TYPE

Log Types

Logged Intervals

NONE THIS JOB

CERTIFICATION

I certify under the penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. (Ref. 40 CFR 144.32).

NAME AND OFFICIAL TITLE (Please type or print)
GRIZZ OLEEN
STAFF ENVIRONMENTAL ANALYST

SIGNATURE

DATE SIGNED

12/8/2009

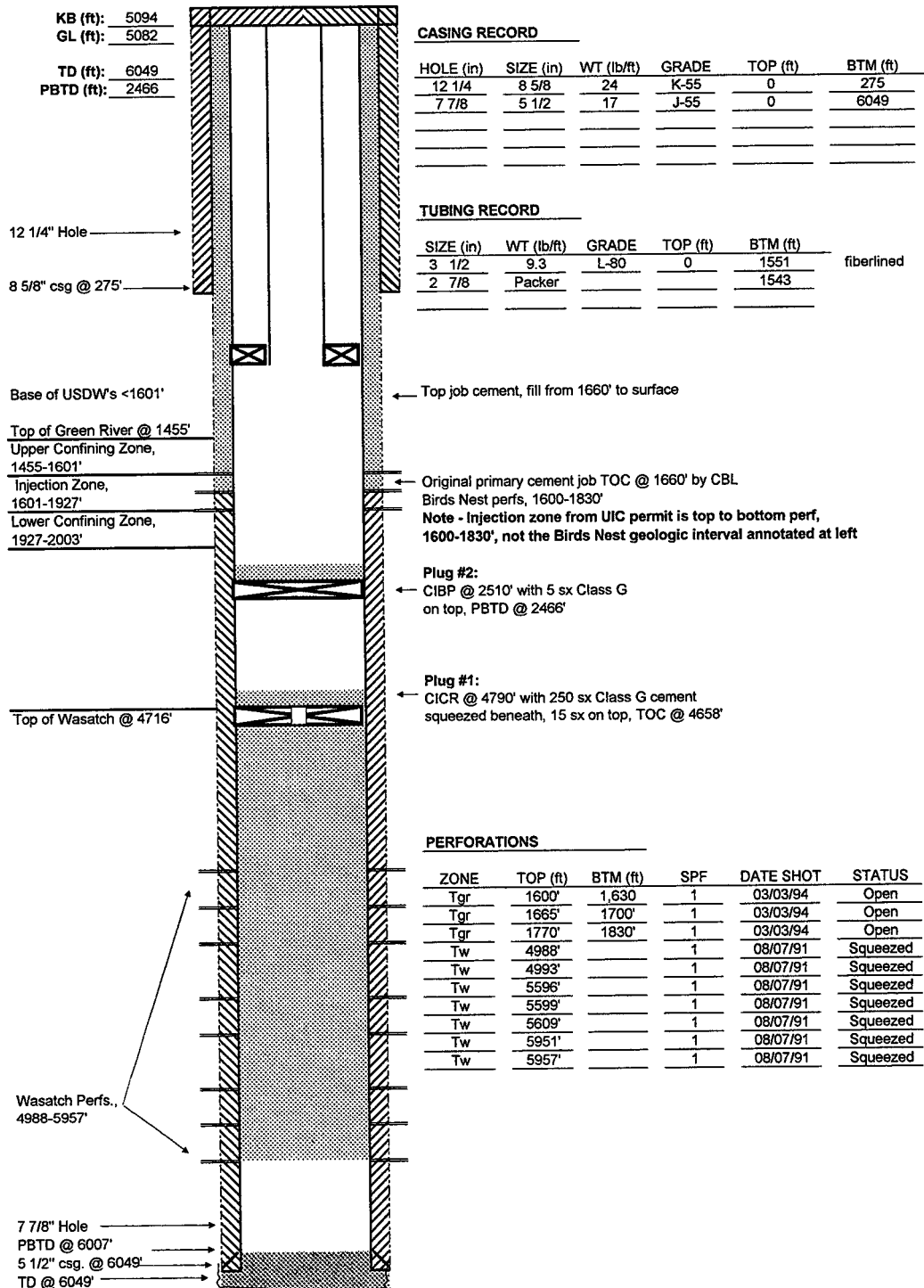
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WELL: NBU 159 SWD
FIELD: NATURAL BUTTES
API # 43-047-31996
LEASE #: U-01194-A-ST
EPA PERMIT #: UT2718-03784

CNTY: UINTAH
STATE: UTAH

FT.: 1958' FSL 1945' FWL
Q-Q: NESW
SEC.: 35
TWS: 9S
RGE: 21E

CURRENT WELLBORE DIAGRAM



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DEC 22 2009
DIV. OF OIL, GAS & MINING

Mechanical Integrity Test

Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency Region 8
Underground Injection Control Program
1595 Wynkoop Street, Denver, CO 80202-1129

EPA Witness: Dallas Russell Date: 12 / 8 / 2009
Test conducted by: B+C Quick Test
Others present: Don Strain (swabber) + Randy Wilkins (B+C Quick Test)

Well Name: <u>NBU 159</u>	Type: ER <u>SWD</u>	Status: AC TA UC
Field: <u>Natural Butte</u>		
Location: _____	Sec: <u>35</u> T <u>9</u> N <u>10</u> R <u>21E</u> W	County: <u>Uintah</u> State: <u>Utah</u>
Operator: _____		
Last MIT: <u>9 / 16 / 2009</u>	Maximum Allowable Pressure: <u>464</u>	PSIG

Is this a regularly scheduled test? ☐ Yes ☐ No

Initial test for permit? ☐ Yes ☐ No

Test after well rework? ☒ Yes ☐ No

Well injecting during test? ☐ Yes ☒ No If Yes, rate: _____ bpd

Pre-test casing/tubing annulus pressure: 500 psig

MIT DATA TABLE		Test #1	Test #2	Test #3
TUBING PRESSURE				
Initial Pressure	<u>0</u> psig			
End of test pressure	<u>500</u> psig			
CASING / TUBING ANNULUS PRESSURE				
0 minutes	<u>500</u> psig			
5 minutes	<u>500</u> psig			
10 minutes	<u>500</u> psig			
15 minutes	<u>500</u> psig			
20 minutes	<u>500</u> psig			
25 minutes	<u>500</u> psig			
30 minutes	<u>500</u> psig			
_____ minutes	psig			
_____ minutes	psig			
RESULT	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

Does the annulus pressure build back up after the test? ☐ Yes ☐ No

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MECHANICAL INTEGRITY PRESSURE TEST

Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

Everything went well

Signature of Witness: *Dallas L. Russell* *Dallas L. Russell*

OFFICE USE ONLY - COMPLIANCE FOLLOWUP

Staff _____ Date: ____/____/____

Do you agree with the reported test results? ☐ YES ☐ NO

If not, why?

Possible violation identified? ☐ YES ☐ NO

If YES, what

If YES - followup initiated? ☐ YES

☐ NO - why not?

☐ Data Entry

☐ Compliance Staff

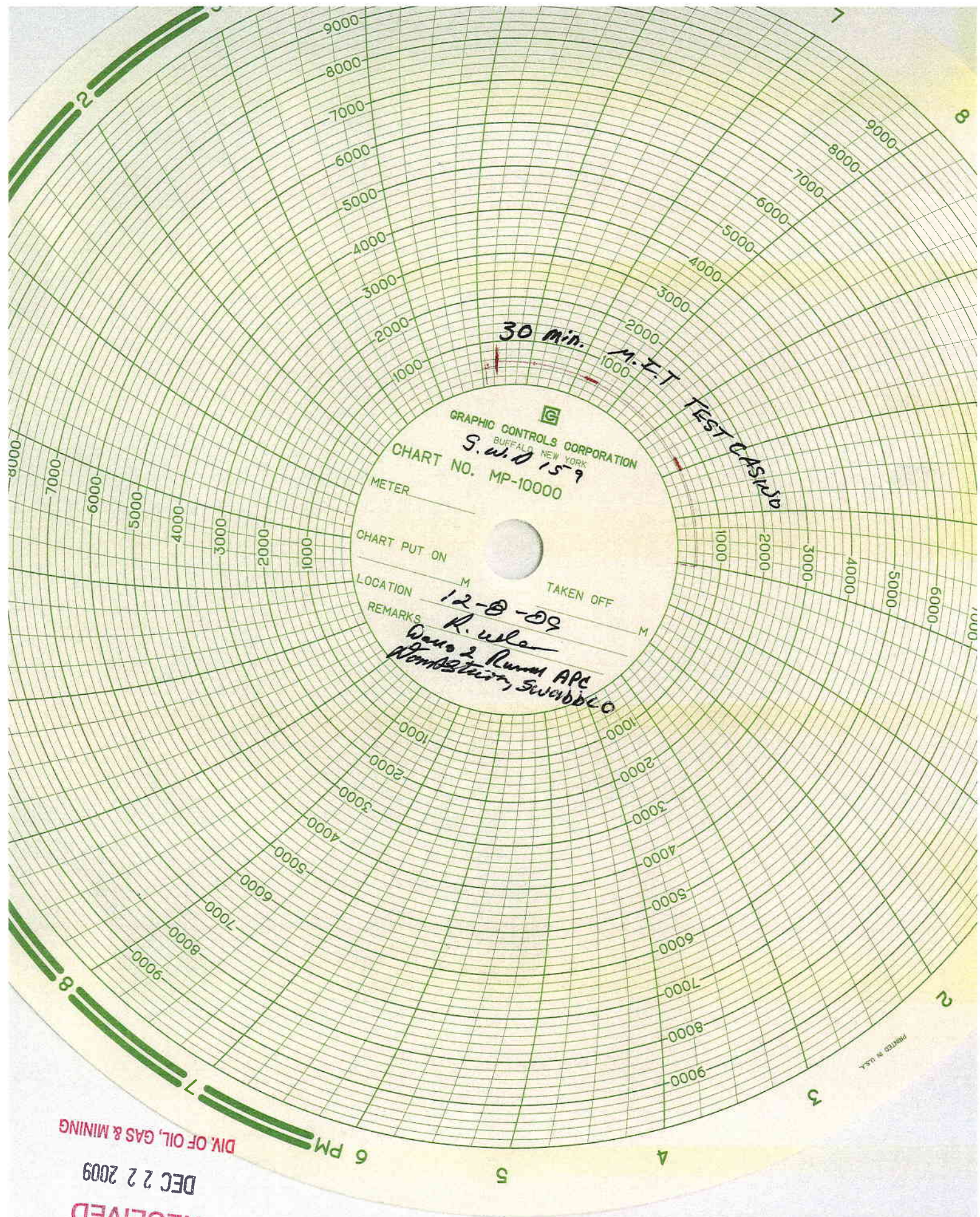
☐ 2nd Data Entry

☐ Hardcopy Filing

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DEC 22 2009

DIV. OF OIL, GAS & MINING



GRAPHIC CONTROLS CORPORATION
BUFFALO, NEW YORK
CHART NO. MP-10000

METER _____
CHART PUT ON _____ M TAKEN OFF _____ M
LOCATION 12-B-09
REMARKS R. W. L.
Quartz Run APC
Ammonium Sulfate

30 min.

M.T.T

TEST CASE 10

DIV. OF OIL, GAS & MINING

DEC 22 2009

RECEIVED

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: U-01194ST
1. TYPE OF WELL Water Disposal Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.		7. UNIT or CA AGREEMENT NAME: NATURAL BUTTES
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779		8. WELL NAME and NUMBER: NBU 159
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1958 FSL 1945 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESW Section: 35 Township: 09.0S Range: 21.0E Meridian: S		9. API NUMBER: 43047319960000
PHONE NUMBER: 720 929-6007 Ext		9. FIELD and POOL or WILDCAT: NATURAL BUTTES
COUNTY: UINTAH		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input checked="" type="checkbox"/> ACIDIZE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 5/16/2010	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE TUBING	
	<input type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input type="checkbox"/> OTHER: _____	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. PUMPED 2500 GAL (60 BBL) 20 PERCENT HCL. RATE OF 3 BPM. FLUSHED 35 BBL.		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY May 18, 2010		
NAME (PLEASE PRINT) Andy Lytle	PHONE NUMBER 720 929-6100	TITLE Regulatory Analyst
SIGNATURE N/A	DATE 5/18/2010	



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 8

1595 Wynkoop Street
DENVER, CO 80202-1129
Phone 800-227-8917
<http://www.epa.gov/region08>

OCT 06 2011

Ref: 8ENF-UFO

RECEIVED

OCT 12 2011

DIV. OF OIL, GAS & MINING

CERTIFIED MAIL 7009-3410-0000-2594-7490
RETURN RECEIPT REQUESTED

Grizz Oleen, Staff EHS Representative
Kerr McGee Oil & Gas Onshore LP
1368 South 1200 East
Vernal, Utah 84078

Re: Underground Injection Control (UIC)
Permission to Resume Injection
NBU 159 SWD Well
EPA ID# UT20718-03784
API # 43-047-31996
Natural Buttes Oil Field
Uintah County, UT

Accepted by the
Utah Division of
Oil, Gas and Mining

Dear Mr. Oleen:

FOR RECORD ONLY

95 21E 35

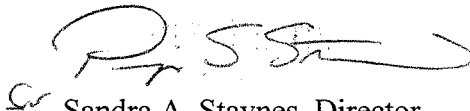
On October 6, 2011, the Environmental Protection Agency (EPA) received information from Kerr McGee Oil & Gas Onshore LP on the above referenced well concerning the workover and the followup mechanical integrity test (MIT) conducted on October 5, 2011. The data submitted shows that the well passed the required MIT. Therefore, pursuant to Title 40 of the Code of Federal Regulations Section 144.51(q)(2) (40 C.F.R. §144.51(q)(2)), permission to resume injection is granted. Under continuous service, the next MIT will be due on or before October 5, 2016.

Pursuant to 40 C.F.R. §144.52(a)(6), if the well is not used for a period of at least two (2) years ("temporary abandonment"), it shall be plugged and abandoned unless EPA is notified and procedures are described to EPA ensuring the well will not endanger underground sources of drinking water ("non-endangerment demonstration") during its continued temporary abandonment. A successful MIT is an acceptable non-endangerment demonstration and would be necessary every two (2) years the well continues in temporary abandonment.

Failure to comply with a UIC Permit, or the UIC regulations found at 40 C.F.R. Parts 144 through 148 constitute one or more violations of the Safe Drinking Water Act, 42 U.S.C. §300h. Such non-compliance may subject you to formal enforcement by EPA, as codified at 40 C.F.R. Part 22.

If you have any questions concerning this letter, you may contact Sarah Roberts at (303) 312-7056. Please direct all correspondence to the attention of Sarah Roberts at Mail Code 8ENF-UFO.

Sincerely,



Sandra A. Stavnes, Director
UIC/FIFRA/OPA Technical Enforcement Programs

cc: Irene Cuch, Jr., Chairman
Uintah & Ouray Business Committee
P.O. Box 190
Fort Duchesne, Utah 84026

Ronald Wopsock, Vice-Chairman
Uintah & Ouray Business Committee
P.O. Box 190
Fort Duchesne, Utah 84026

Phillip Chimburas, Councilman
Uintah & Ouray Business Committee
P.O. Box 190
Fort Duchesne, Utah 84026

Stewart Pike, Councilman
Uintah & Ouray Business Committee
P.O. Box 190
Fort Duchesne, Utah 84026

Richard Jenks, Councilman
Uintah & Ouray Business Committee
P.O. Box 190
Fort Duchesne, Utah 84026

Frances Poowegup, Councilwoman
Uintah & Ouray Business Committee
P.O. Box 190
Fort Duchesne, Utah 84026

Mike Natchees, Environmental
Coordinator
Ute Indian Tribe
P.O. Box 460
Fort Duchesne, Utah 84026

Manuel Myore, Director of Energy,
Minerals and Air Programs
P.O. Box 70
Ute Indian Tribe
Fort Duchesne, Utah 84026

Dan Jarvis
Utah Division of Oil, Gas and Mining
P.O. Box 145801
Salt Lake City, Utah 84114



STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: U-01194ST
1. TYPE OF WELL Water Disposal Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.		7. UNIT or CA AGREEMENT NAME: NATURAL BUTTES
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779		8. WELL NAME and NUMBER: NBU 159
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1958 FSL 1945 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESW Section: 35 Township: 09.0S Range: 21.0E Meridian: S		9. API NUMBER: 43047319960000
PHONE NUMBER: 720 929-6514		9. FIELD and POOL or WILDCAT: NATURAL BUTTES
COUNTY: UINTAH		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 10/6/2013	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input checked="" type="checkbox"/> OTHER OTHER: PRODUCTION ENHANCEMENT	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. THE OPERATOR CONDUCTED THE FOLLOWING WORKOVER/WELLBORE CLEANOUT ON THE SUBJECT WELL ON 10/06/2013. PLEASE SEE THE ATTACHED CHRONOLOGICAL WELL HISTORY FOR DETAILS. THANK YOU.		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY January 23, 2014		
NAME (PLEASE PRINT) Kay E. Kelly	PHONE NUMBER 720 929 6582	TITLE Regulatory Analyst
SIGNATURE N/A	DATE 1/23/2014	

US ROCKIES REGION
Operation Summary Report

Well: NBU 159SWD					Spud Date:				
Project: UTAH-UINTAH				Site: NBU 159SWD				Rig Name No: MILES 2/2	
Event: WELL WORK EXPENSE				Start Date: 10/3/2011				End Date: 10/6/2011	
Active Datum: RKB @5,093.99usft (above Mean Sea Level)				UWI: NBU 159SWD					
Date	Time Start-End		Duration (hr)	Phase	Code	Sub Code	P/U	MD From (usft)	Operation
10/3/2011	7:00	- 7:15	0.25	WO/REP	48		P		HSM
	7:15	- 19:00	11.75	WO/REP	30	A	P		MIRU, PMP 10 BBLS 10# BRINE TO CONTROL WELL, NDWH, NUBOP, RELEASE PKR, POOH & STAND BACK 3 1/2" TBG, RIH & SET CBP @ 1450', NDBOP, CUT OFF WELLHEAD, WELD ON NEW CSG HEAD, NUBOP & SWIFN.
10/4/2011	7:00	- 7:15	0.25	WO/REP	48		P		HSM
	7:15	- 17:00	9.75	WO/REP	30		P		NDBOP, P/U SPEAR & R/I 5 1/2" CSG, PULL TO 100,000# (NO STRETCH), DRIVE SLIPS INTO HANGER & RELEASE TENSION, L/D SPEAR, CUT OFF & DRESS 5 1/2" CASING, NU NEW TBG HEAD & TEST,NUBOP, PU 2 7/8" TBG OFF TRLR & RIH W/ 4 3/4" BIT TO CBP @ 1450', RU PWR SWVL, RU WEATHERFORD FOAM UNIT & EST CIRC, D/O CBP & CONT TO RIH, TAG @ 1642' D/O TO 1655' & BROKE FREE, CONT TO RIH & TAG @ 1665' (TIGHT SPOT IN CASING @ 1665', AFTER GETTING PAST YOU CAN POOH WITHOUT CATCHING BUT WHEN YOU RIH IT CATCHES IN THE SAME SPOT), RIH PAST TIGHT SPOT & TAG @ 1670', CONT TO D/O, HARD TO DRL DOWN TO 1707' & THEN BROKE FREE, RIH & TAG FILL @ 1992' (162' BELOW BOTTOM PERF), RD PWR SWVL & WEATHERFORD FOAM UNIT, POOH W/ 14 JTS & L/D ON TRLR, SWIFN.
10/5/2011	7:00	- 7:15	0.25	WO/REP	48		P		HSM
	7:15	- 17:00	9.75	WO/REP	30		P		CONT TO POOH & L/D 2 7/8" TBG ON TRLR, PU PACKER & RIH W/ 3 1/2" TBG, HAD TO LAY DOWN 5 JTS & BOTH SUBS (LINER DAMAGE) , PMP 20 BBLS PACKER FLUID, LAND TBG & SET PACKER @ 1545' W/ 10000# COMPRESSION, NDBOP, NUWH, RU B & C QUICKTEST FOR MIT 500# FOR 45 MIN, TEST GOOD, RD PREP TO MOVE TO NBU 327 IN AM. TBG HANGER- 1.00' 2- 10' SUBS- 19.55' 48 JTS 3 1/2" TBG- 1509.26' 3 1/2"X2 7/8" X-OVER- .62' 5 1/2" NICKEL PLATED PKR- 7.15' EOT- 1552.55' LD 5 JTS- 157.06' PU 5 JTS- 158.51'
10/6/2011	7:00	- 7:15	0.25	WO/REP	48		P		HSM
	7:15	- 15:00	7.75	WO/REP	30		P		MOVE RIG & EQUIP OFF LOC, STANDBY DUE TO WEATHER